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# **POLSIM**

A MICRO-SIMULATION MODEL  
FOR POLICY ANALYSIS

## **Volume 3**

APPENDICES D, E, F





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*by*

**D.G. HARTLE**

APPENDIX D

THE ACTIVITY STATUS BLOCK





## APPENDIX D.1

### CALIBRATION OF TRANSITION MATRICES





## CALIBRATION OF TRANSITION MATRICES

Section 5.3.2 discusses the way that the current version of the Activity Block is calibrated. The regression equations are simply adjusted so as to yield a dependent variable identical with the most recent observations. This method, although simple and straightforward, may not always be convenient. This is because the transition probabilities that one needs may not exist, or because they may be inaccurate. Transition probabilities are far more difficult to obtain than state distributions, and are often approximated from more than one source, and are hence not wholly reliable.

The state distribution method discussed below is an attempt to adjust the probabilities so as to generate a desired distribution exactly. It is assumed that the original matrix is for the most part quite "good" and that it should be changed as "little" as possible. The problem then is to find the smallest changes possible in the  $p_{ij}$ 's so as to generate the measured distributions exactly, and so as to ensure that each row of the given matrix still sums to one.

This no doubt sounds very vague. We can be more specific by stating the problem mathematically.

### Mathematical Formulation of the Problem

- (a) Let  $p_{ij}$  be an element of the original transition matrix and let  $x_{ij} = p_{ij} + \delta_{ij}$  be the corresponding element in the adjusted transition matrix. We wish to find  $\delta_{ij}$  so that  $\delta_{ij}$  is as "small as possible" for all  $i$  and  $j$  and so that the resulting  $X$  matrix will yield no deviations from the historically observed distributions.





(b) More rigorously, we are given:

(i)  $P = P_{ij}$  = original transition matrix.

(ii)  $S(t)$  = a vector equal to the number of persons in the three employment states at time  $t$ .

That is,  $S'(t) = (S_1(t), S_2(t), S_3(t))$

where  $S_i(t)$  = number of people in state  $i$  at time  $t$ .

(iii)  $\sigma' = (\sigma_1, \sigma_2, \sigma_3)$


= a vector equal to the actual number of people in the three states at time  $t+1$ .

(iv)  $S'(t)P = S(t+1) \neq \sigma$

That is, the actual distribution at time  $t+1$  does not equal the simulated distribution at time  $t$ .

The problem now is to find:

$X = x_{ij}$  = a transition matrix such that  $S'(t)X = \sigma$  and such that  $X$  is as close as possible to  $P$ .



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(c) We will define the degree of "closeness" to be

$$J = \sum_{i=1}^n \sum_{j=1}^n (x_{ij} - p_{ij})^2$$

That is, we wish to make the sum of the squares of the deviations between the elements of the two matrices as small as possible.

(d) If we define  $p_i$  and  $x_i$  to be column  $i$  of the respective matrices, we can formulate the problem precisely as follows:

$$\text{minimize } J = \sum_{i=1}^n (x_i - p_i)'(x_i - p_i)$$

$$\text{subject to } S'x_i = \sigma_i, \quad i=1, \dots, n$$

$$\text{and} \quad \sum_{i=1}^n x_i = 1$$

The first constraint forces the simulated distribution to equal the actual distribution, while the second constraint forces each row of the derived matrix to sum to 1.

### Solution

The Lagrangean is,

$$L = J - 2\mu' \left( \sum_{i=1}^n x_i - 1 \right) - 2 \sum_{i=1}^n \lambda_i (S'x_i - \sigma_i)$$

and

$$\frac{1}{2} \cdot \frac{\partial L}{\partial x_i} = x_i - p_i - \mu - \lambda_i S = 0$$

$$\text{or } x_i = p_i + \mu + \lambda_i S, \quad i=1 \dots n$$

(1)





$$\frac{1}{2} \cdot \frac{\partial L}{\partial \mu} = \sum x_i - 1 = 0$$

$$\text{or } \sum x_i = 1 \quad (2)$$

$$\frac{1}{2} \cdot \frac{\partial L}{\partial \lambda_i} = S'x_i - \sigma_i = 0$$

$$\text{or } S'x_i = \sigma_i, \quad i=1, \dots, n \quad (3)$$

From (1) we have

$$\sum x_i = \sum p_i + n\mu + \sum \lambda_i S$$

$$\text{or } 1 = 1 + n\mu + \sum \lambda_i S$$

$$\text{or } \mu = - \frac{\sum \lambda_i S}{n} \quad (4)$$

Substituting (4) in (1) gives

$$x_i = p_i + (\lambda_i - \frac{\sum_{k=1}^n \lambda_k}{n})S$$

$$\text{or } x_i = p_i + \frac{\sum_{k=1}^n (\lambda_i - \lambda_k)S}{n} \quad (5)$$

From which,

$$S'x_i = S'p_i + \frac{\sum_{k=1}^n (\lambda_i - \lambda_k)S'S}{n} = \sigma_i$$

$$\text{or } \frac{\sum_{k=1}^n (\lambda_i - \lambda_k)}{n} = \frac{\sigma_i - S'p_i}{S'S} \quad (6)$$



Substituting (6) in (5) gives

$$x_i = p_i + \frac{(\sigma_i - S'p_i)S}{S'S} \quad (7)$$

$$\text{or } x_{ij} = p_{ij} - \frac{\left( \sum_{k=1}^n S_k p_{kj} - \sigma_j \right) S_i}{\sum_{k=1}^n S_k^2} \quad (8)$$

From which,

$$x_{ij} \geq 0 \text{ iff } p_{ij} \geq \frac{\left( \sum_{k=1}^n S_k p_{kj} - \sigma_j \right) S_i}{\sum_{k=1}^n S_k^2}$$

Equation (8) can now be solved for  $x_{ij}$  in a straightforward manner, since all the variables on the right hand side are given. The equation shows that the change in the transition probability between state  $i$  and state  $j$  is proportional to the total deviation between the simulated total and the actual total in state  $j$  (the bracketed term), proportional to the number of people in state  $i$  at time  $t$ , and inversely proportional to the sum of squares of the totals in each state at time  $t$ . In writing the computer program to calibrate the matrices it will be necessary to test for the non-negativeness of  $x_{ij}$ , since it can be seen that non-negativeness is not guaranteed by equation (8).

This method, it should be noted, has not been tested in practice. It is only offered as a first attempt to come up with some reasonable method of calibrating transition matrices. There is no way of telling, at the moment, how satisfactory this method might turn out to be in practice.





APPENDIX D.2

VALIDATION OF THE ACTIVITY STATUS BLOCK





## VALIDATION OF THE ACTIVITY STATUS BLOCK

The parameters of the Activity Block were validated by simulating the period from April 1972 through April 1973. The results of these validation simulations are contained in the attached graphs and tables\*. The discussion below pertains mainly to the graphs. The tables are simply a more detailed representation of the same phenomena.

The graphs attempt to show two things. The first is the degree to which the simulation adequately describes the unemployment behavior of certain groups in the population. To show this, the number of simulated unemployed persons in a particular region, or a particular age-sex group, or a particular marital status are compared with the actual number of unemployed in that group. The second thing the graphs attempt to demonstrate is the effects of the adjustments that were made to the original parameters. It will be recalled that three adjustments were made. The first took cognizance of the fact that POLSIM dichotomizes the labor force into two groups: Class A individuals who never become unemployed, and Class B individuals who are subject to unemployment. Adjustment was necessary to allow for this since the original parameters were derived on the assumption that anyone in the entire labor force could become unemployed. The second adjustment calibrated the age-sex parameters to account for structural changes in the economy that were assumed to have obtained after the original parameters were estimated. The third adjustment took account of the fact that one's labor force behavior depends on his marital status and region. Each age-sex matrix in the original specification was transformed into 10 marital status-region matrices, each reflecting the adjustment necessary for the particular class.

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\* Because of the extensive nature of the validation tables, they are not included in the present report. They are available on request.



The graphs can be divided into 18 sets of four. Each set plots the number of unemployed in a particular group (total population, 5 regions, 2 marital status groups, 8 age-sex groups, and 2 sex groups) for each of the 13 months simulated. Within each set the following four comparisons are made, each on a separate graph: original simulation versus the final (all 3 adjustments) simulation; the original simulation versus the adjustment for Class A persons; the Class A adjustment versus the calibrated Class A adjustment; and the calibrated Class A adjustment versus the calibrated Class A adjustment with disaggregation. As a common reference, the actual values for the particular group are also plotted on each graph. It is thus possible to examine the cumulative and net effect of the three adjustments as they affect any given group. There are 76 graphs in all (4x18).

In examining the graphs (or the tables) it is clear that only the final (all 3 adjustments) version adequately simulates the population over all relevant variables (age, sex, region, and marital status). The other three versions all contain significant errors when distributions over marital status and region are examined. This is as one would expect, since the other three versions are stratified only on age and sex. If the calibrated and final versions are compared for a given age-sex group on the other hand, it can be seen that there is little to choose between them. Again this is as one would expect, since in this case both depend upon age and sex.





The adjustment for Class A persons performed very well, as can be seen by comparing it with the original simulation. The two should be identical, and for all practical purposes, they are. It can be seen that the definition of Class A individuals is not quite perfect. We tend to allocate too many people to this class, as evidenced by the drop in total unemployed in the base month. The simulation tends to correct for this, however, and in general performs more than adequately.

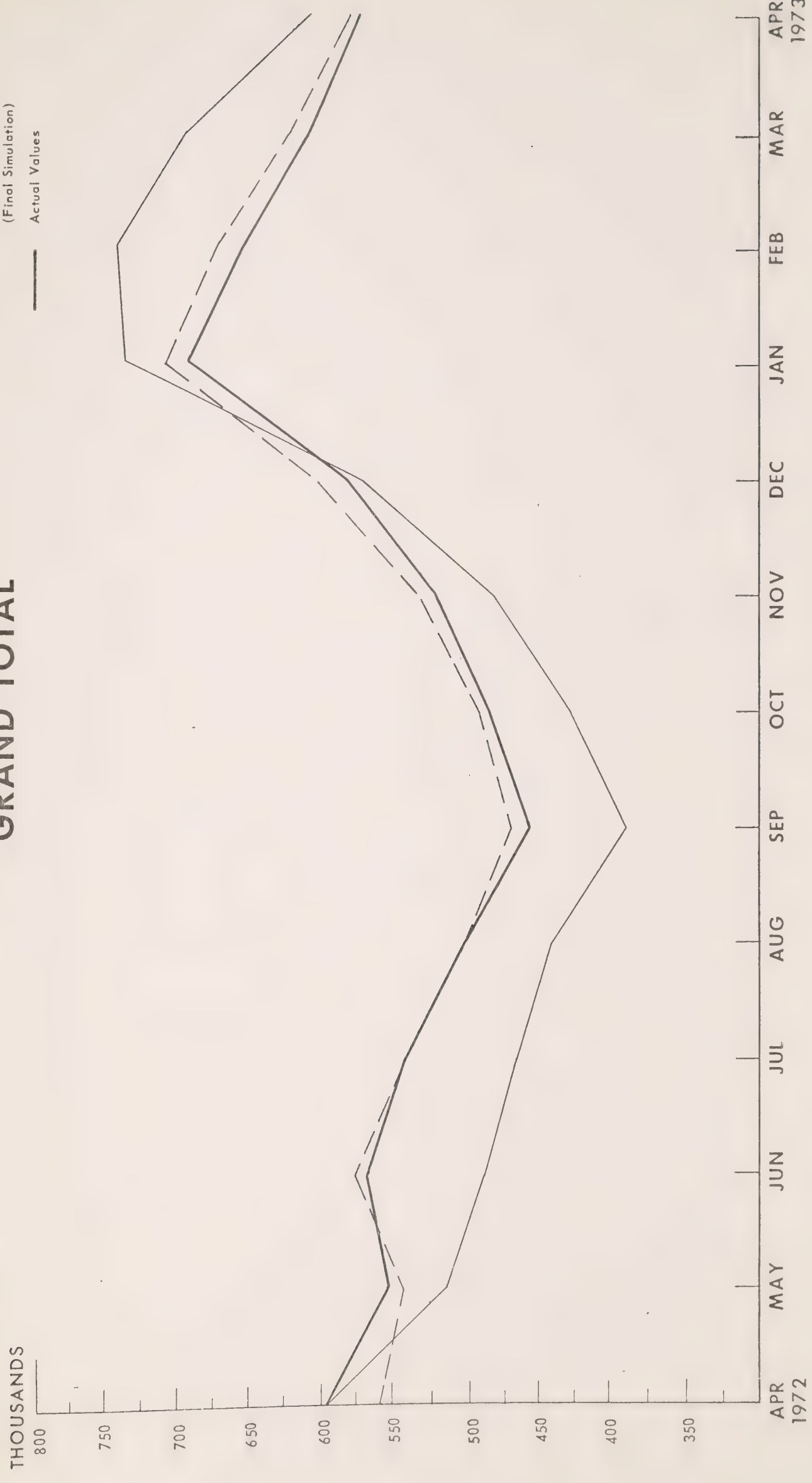
The size of the errors are well within the tolerance range one would expect for this kind of simulation. The error in the total unemployed in the final version ranges from 5.6% in the base month to .2% in July. The mean error is 2.3%. The error in total employed ranges from .4% in the base month to 0.0% in July and August. In no simulated month does the error rise above .2%. The mean error is .14%.





# NUMBER OF UNEMPLOYED PERSONS GRAND TOTAL

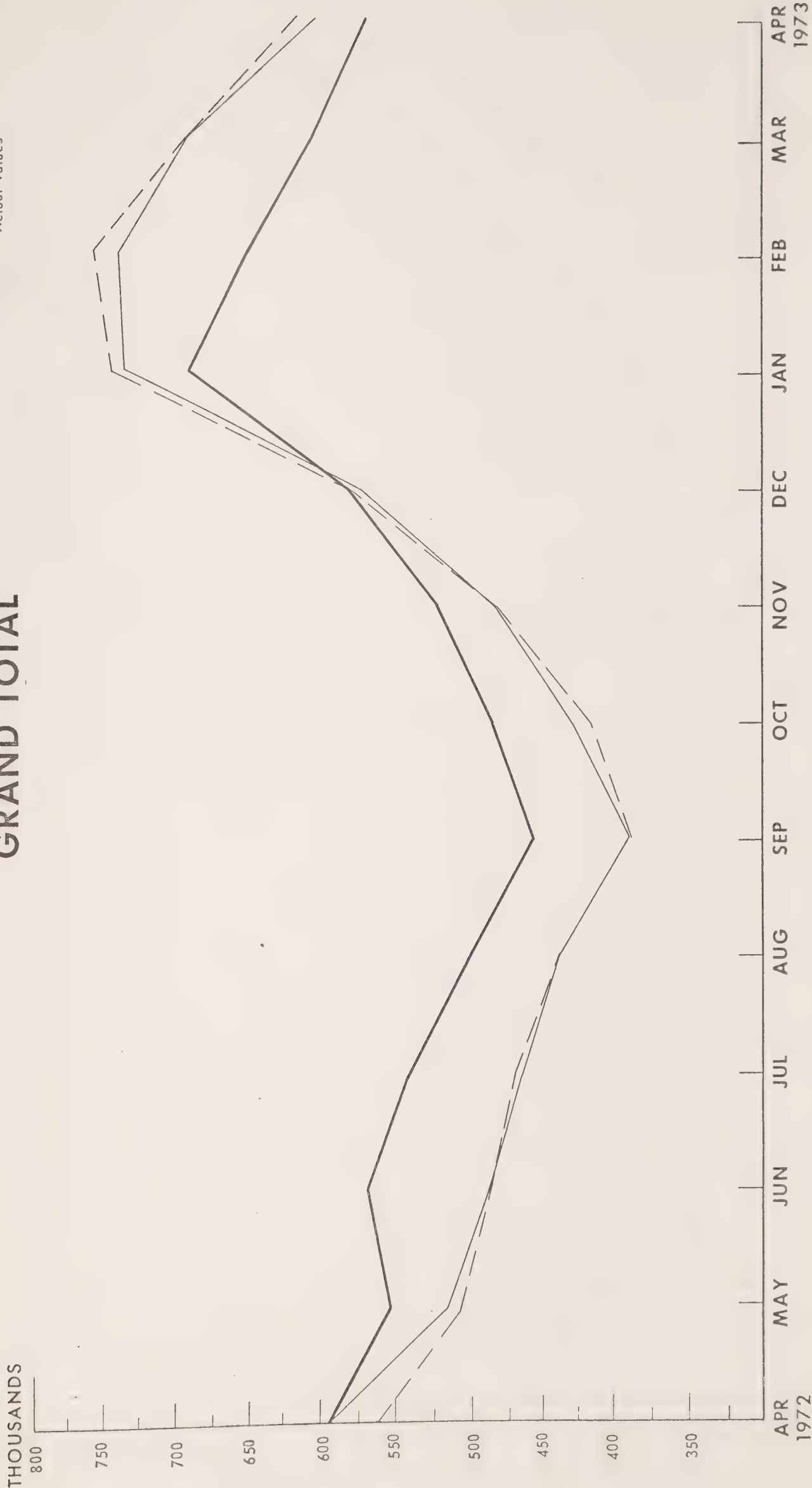
Original Simulation  
Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values





# NUMBER OF UNEMPLOYED PERSONS GRAND TOTAL

Original Simulation  
Class A adjustment  
Actual Values







# NUMBER OF UNEMPLOYED PERSONS GRAND TOTAL

- - - Class A adjustment  
 — Calibrated Class A adjustment  
 — Actual Values

THOUSANDS

800

750

700

650

600

550

500

450

400

350

APR 1972

MAY

JUN

JUL

AUG

SEP

OCT

NOV

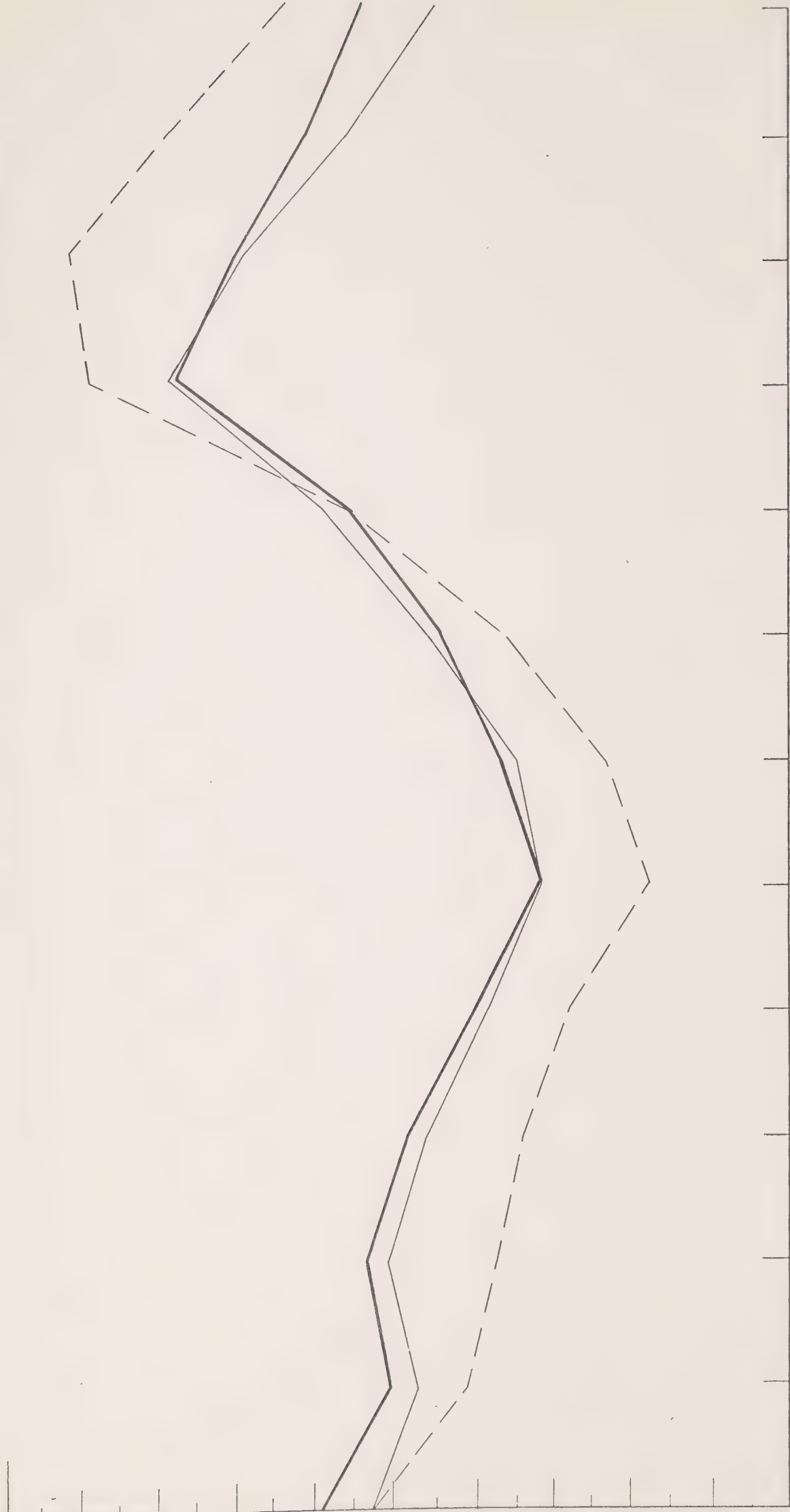
DEC

JAN

FEB

MAR

APR 1973





# NUMBER OF UNEMPLOYED PERSONS GRAND TOTAL

- Calibrated Class A adjustment
- - - Calibrated Class A adjustment with Disaggregation (Final Simulation)
- Actual Values

THOUSANDS

800

750

700

650

600

550

500

450

400

350

APR 1972

MAY

JUN

JUL

AUG

SEP

OCT

NOV

DEC

JAN

FEB

MAR

APR 1973



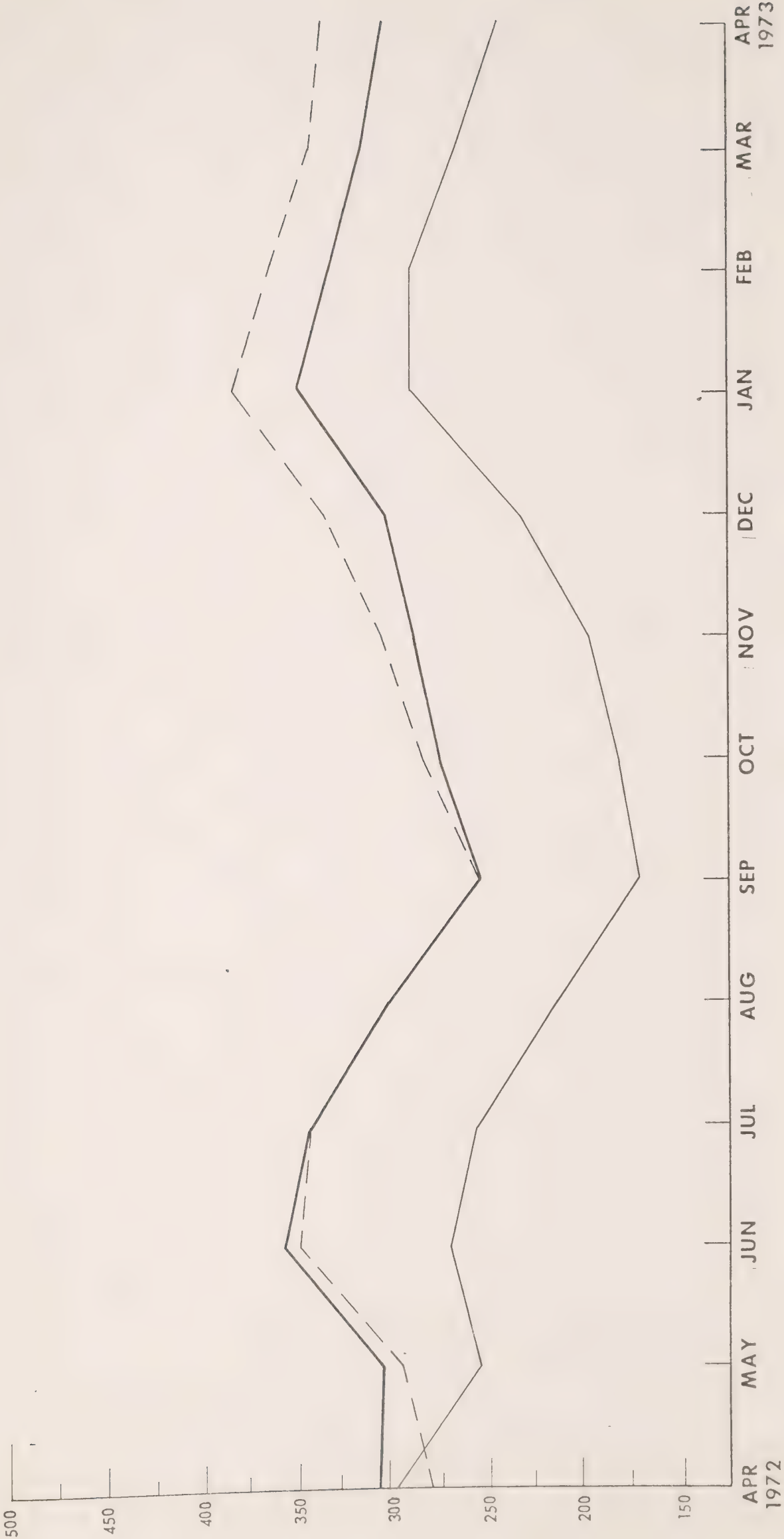




NUMBER OF UNEMPLOYED PERSONS  
NOT MARRIED

Original Simulation  
Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values

THOUSANDS

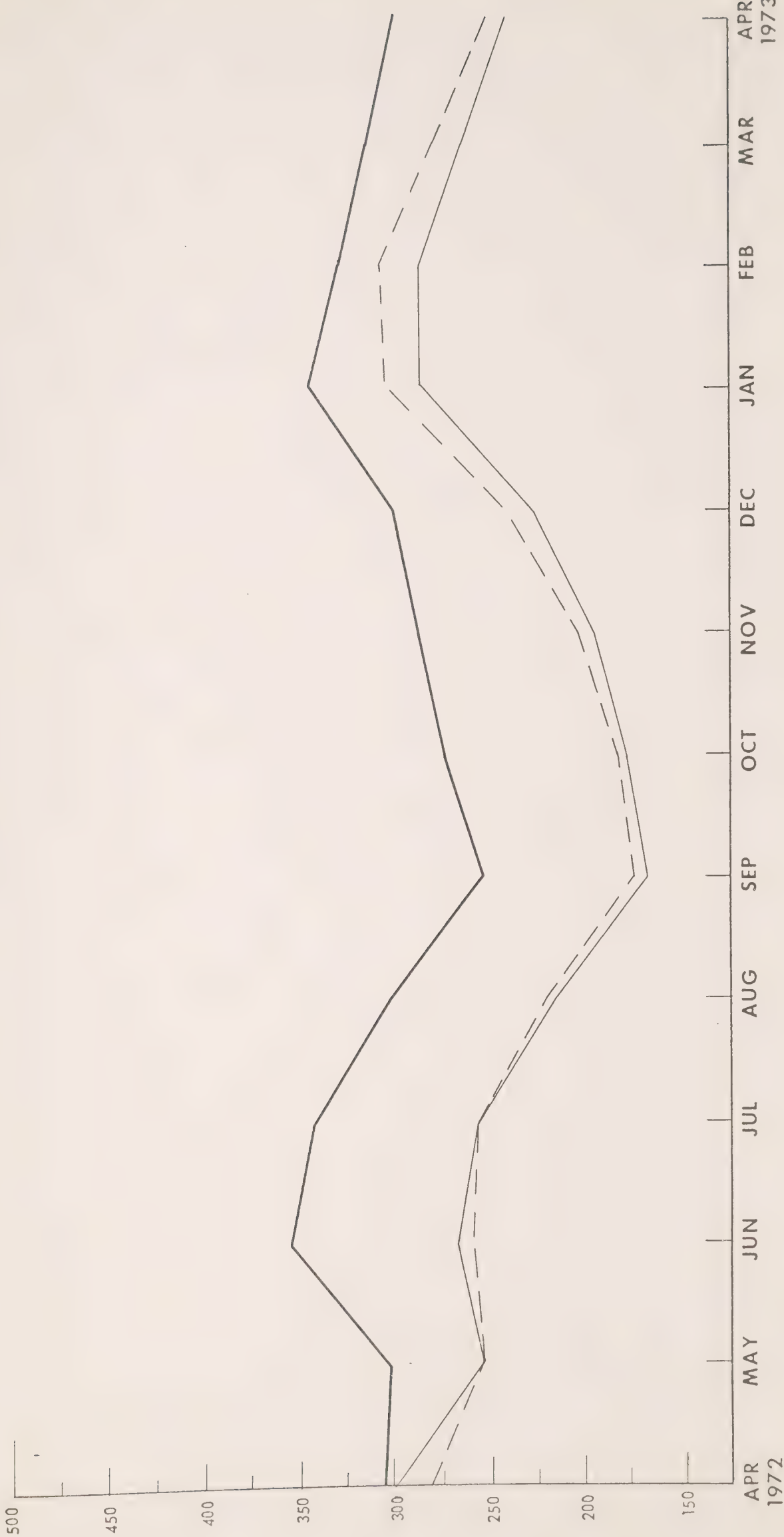




# NUMBER OF UNEMPLOYED PERSONS NOT MARRIED

Original Simulation  
Class A adjustment  
Actual Values

THOUSANDS

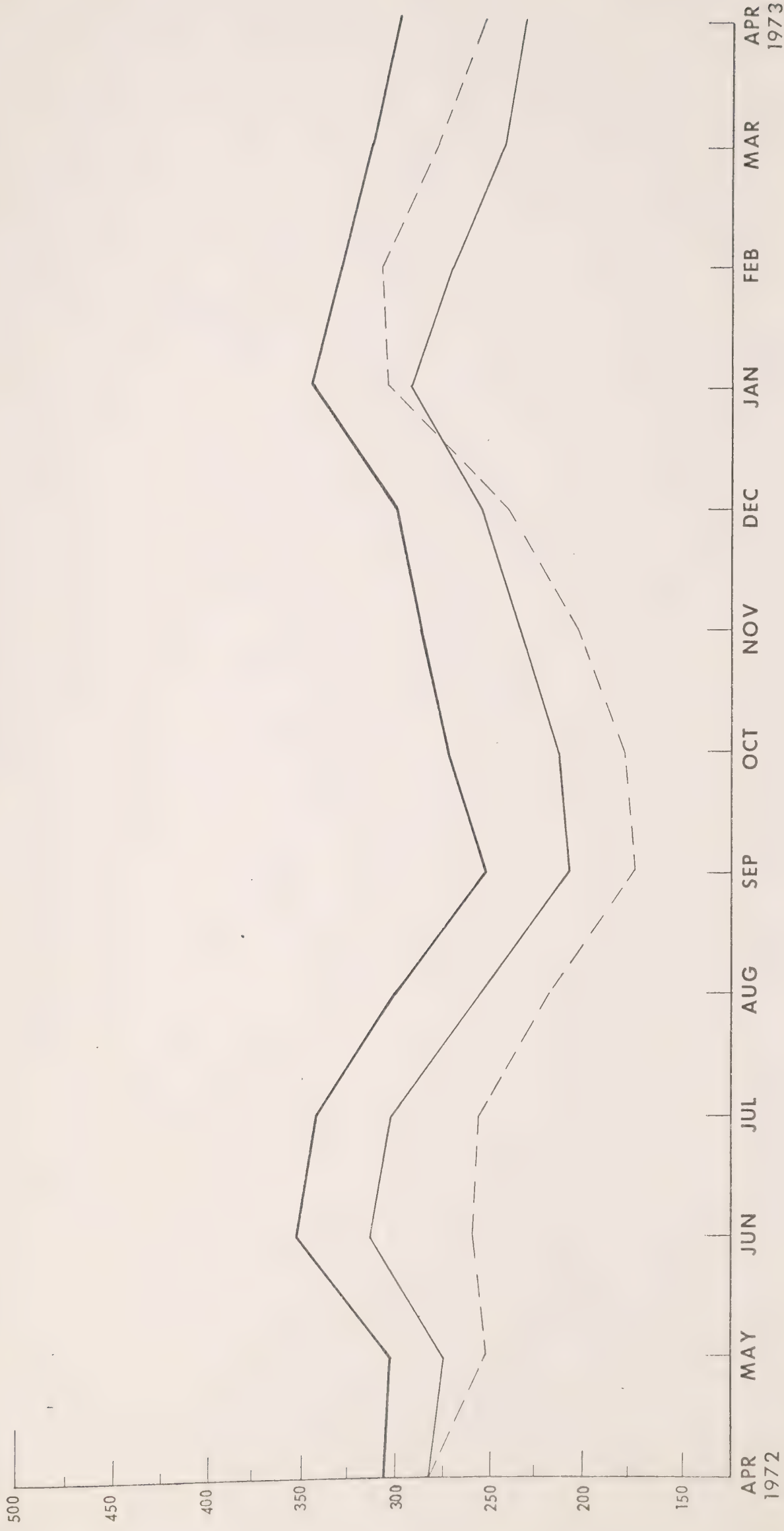




# NUMBER OF UNEMPLOYED PERSONS NOT MARRIED

- - - Class A adjustment  
 — Calibrated Class A adjustment  
 — Actual Values

THOUSANDS



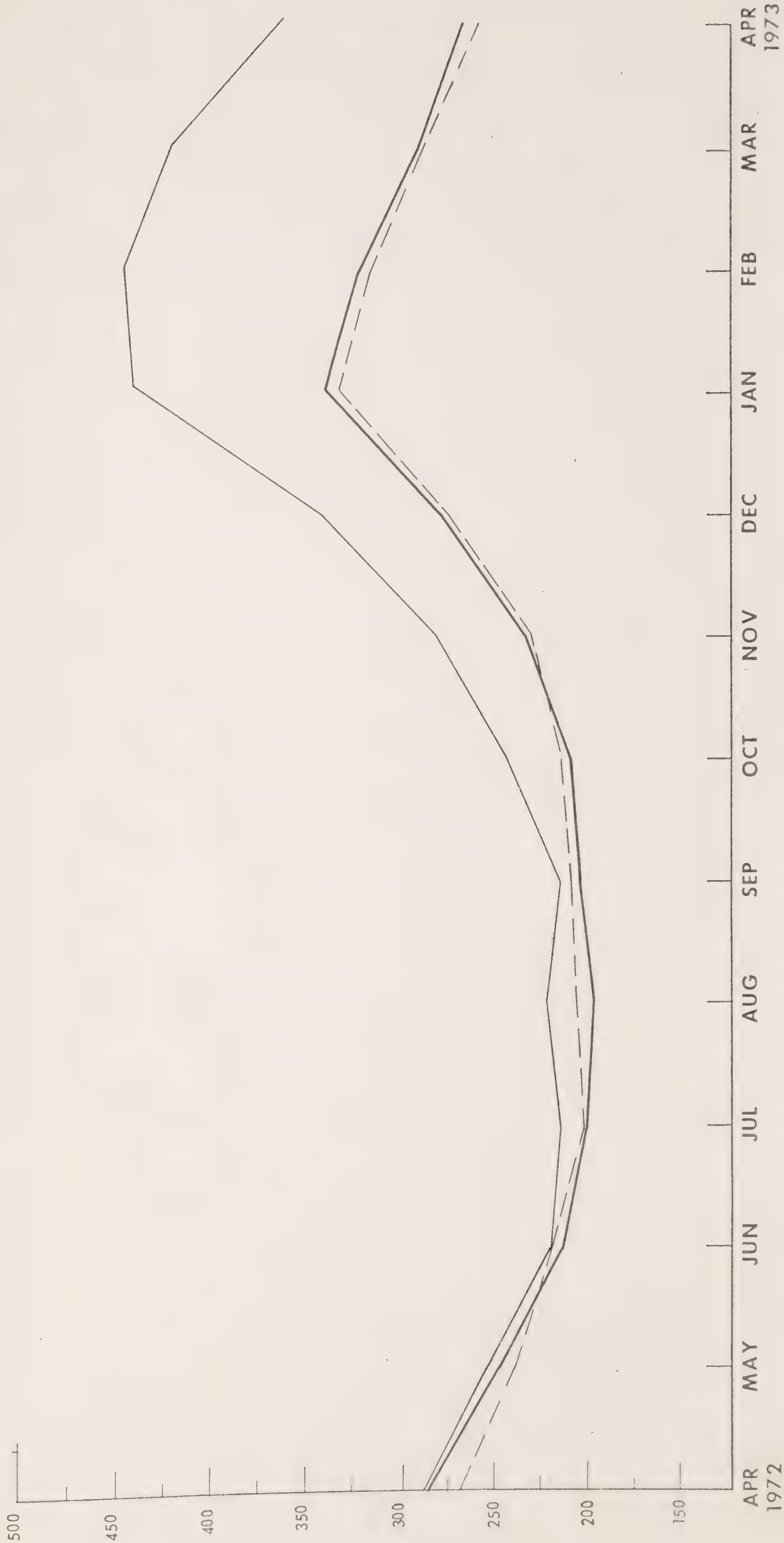




# NUMBER OF UNEMPLOYED PERSONS MARRIED

Original Simulation  
Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values

THOUSANDS

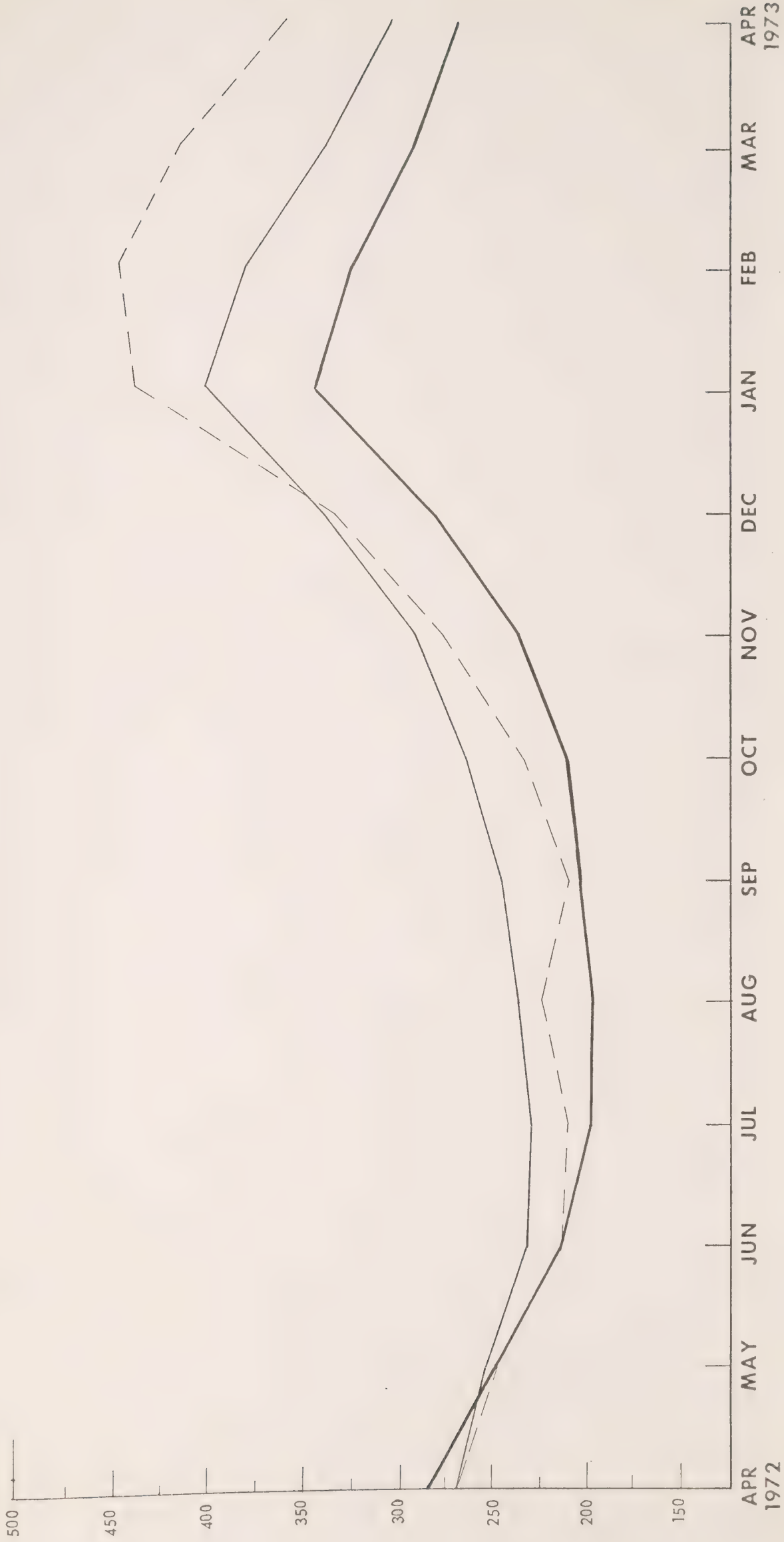




# NUMBER OF UNEMPLOYED PERSONS MARRIED

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 --- Calibrated Class A adjustment  
 --- Actual Values

THOUSANDS

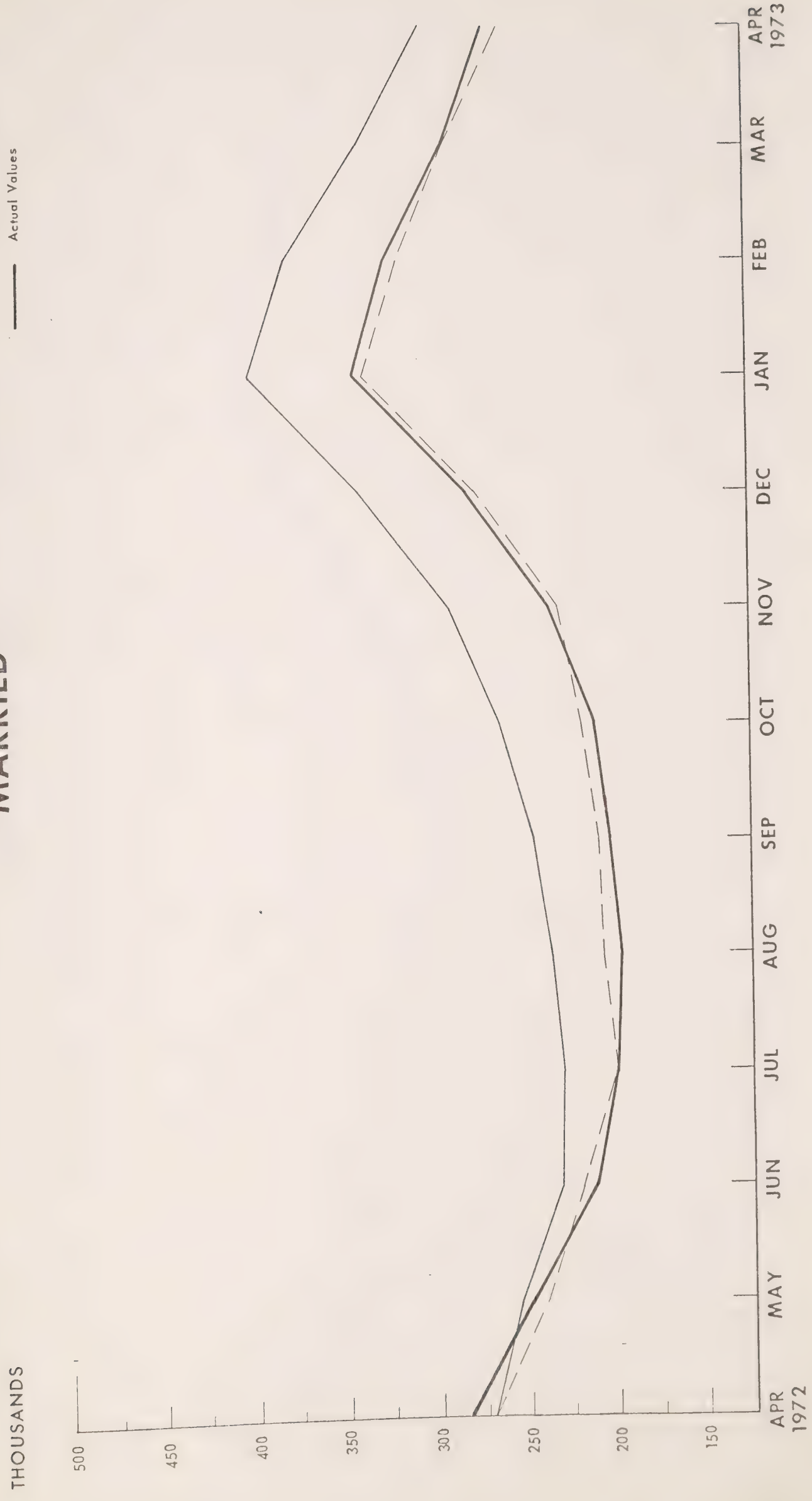






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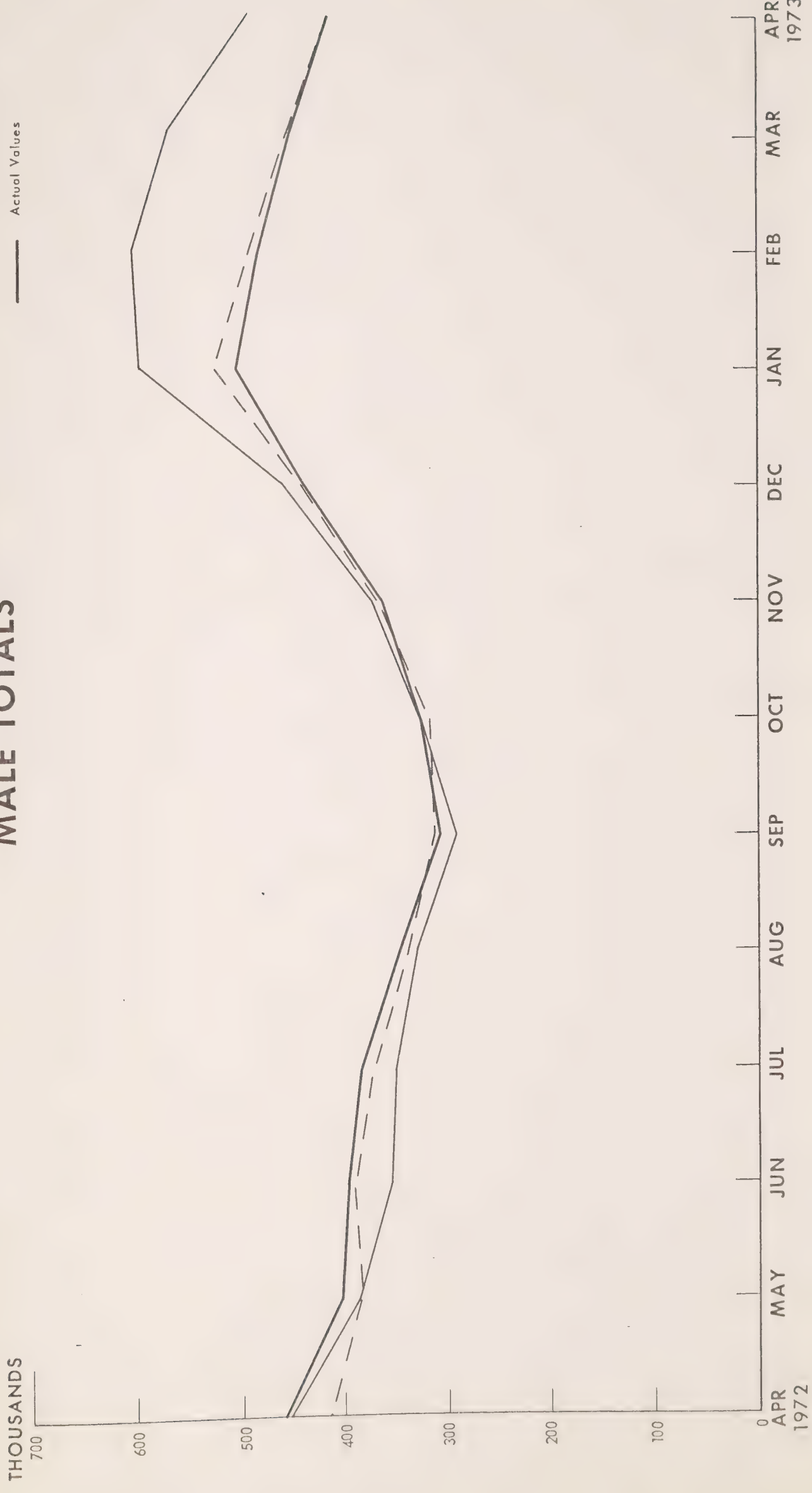
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- Calibrated Class A adjustment with Disaggregation (Final Simulation)
- Actual Values





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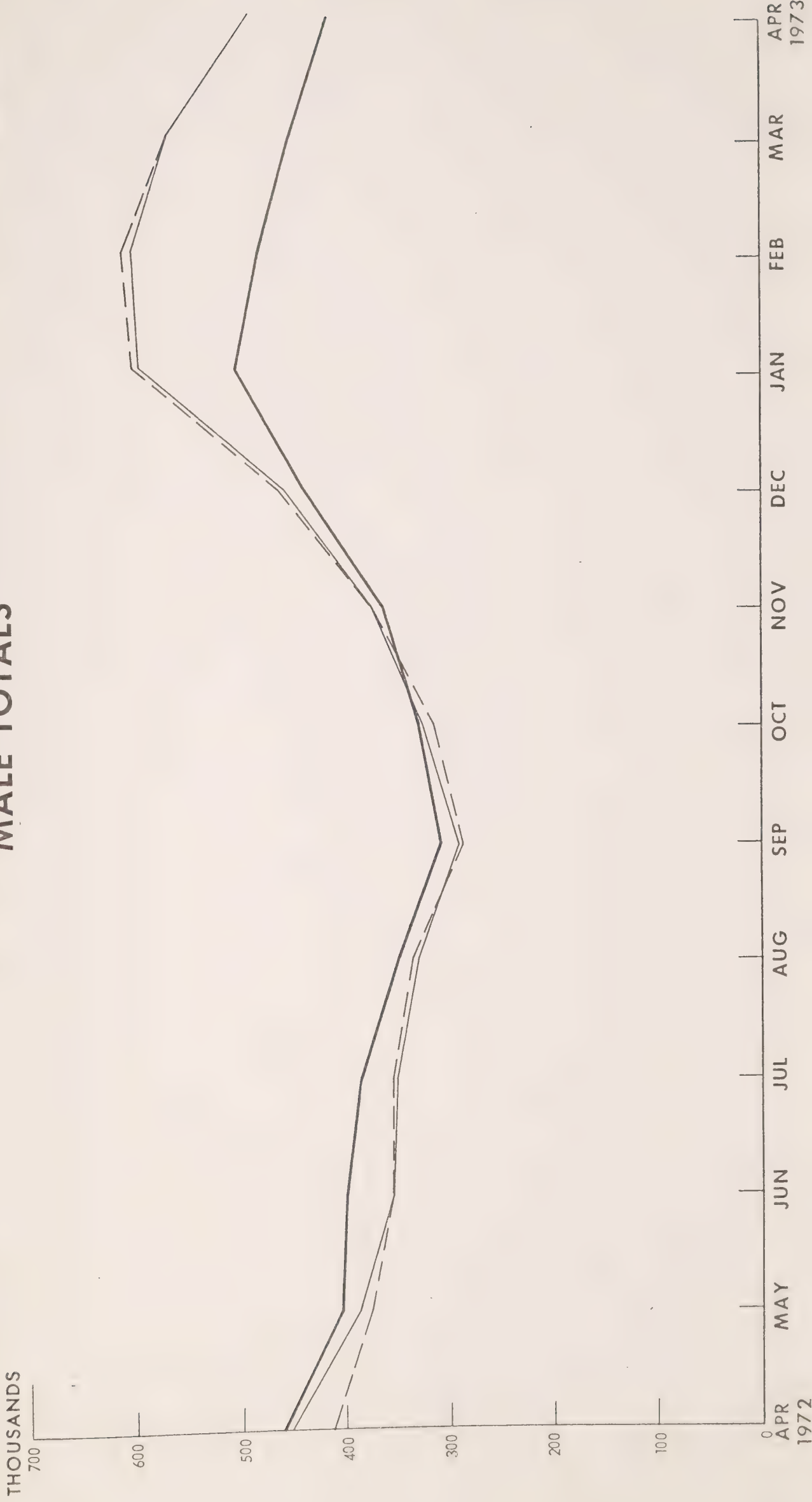
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Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values





# NUMBER OF UNEMPLOYED PERSONS MALE TOTALS

Original Simulation  
Class A adjustment  
Actual Values

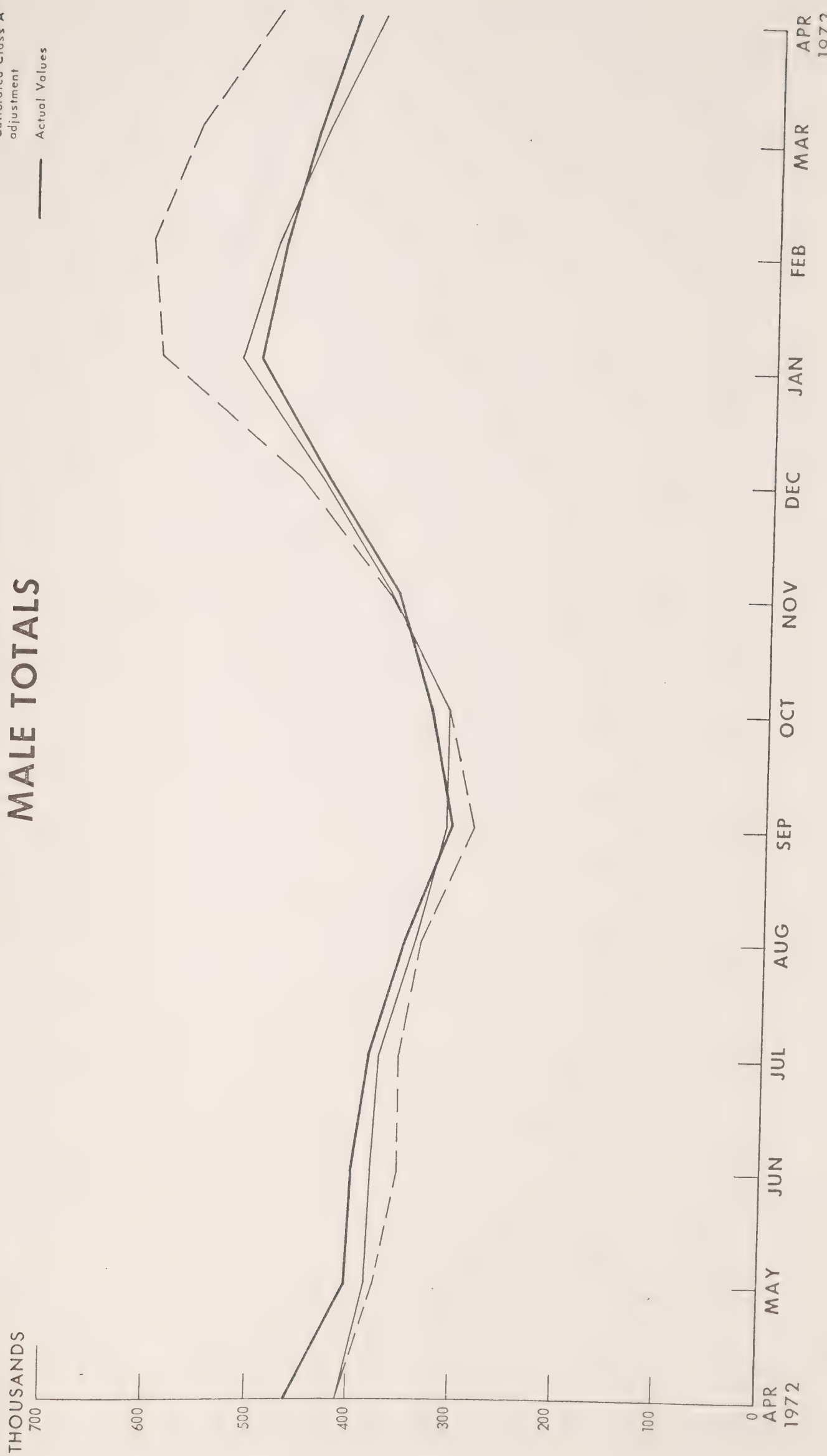






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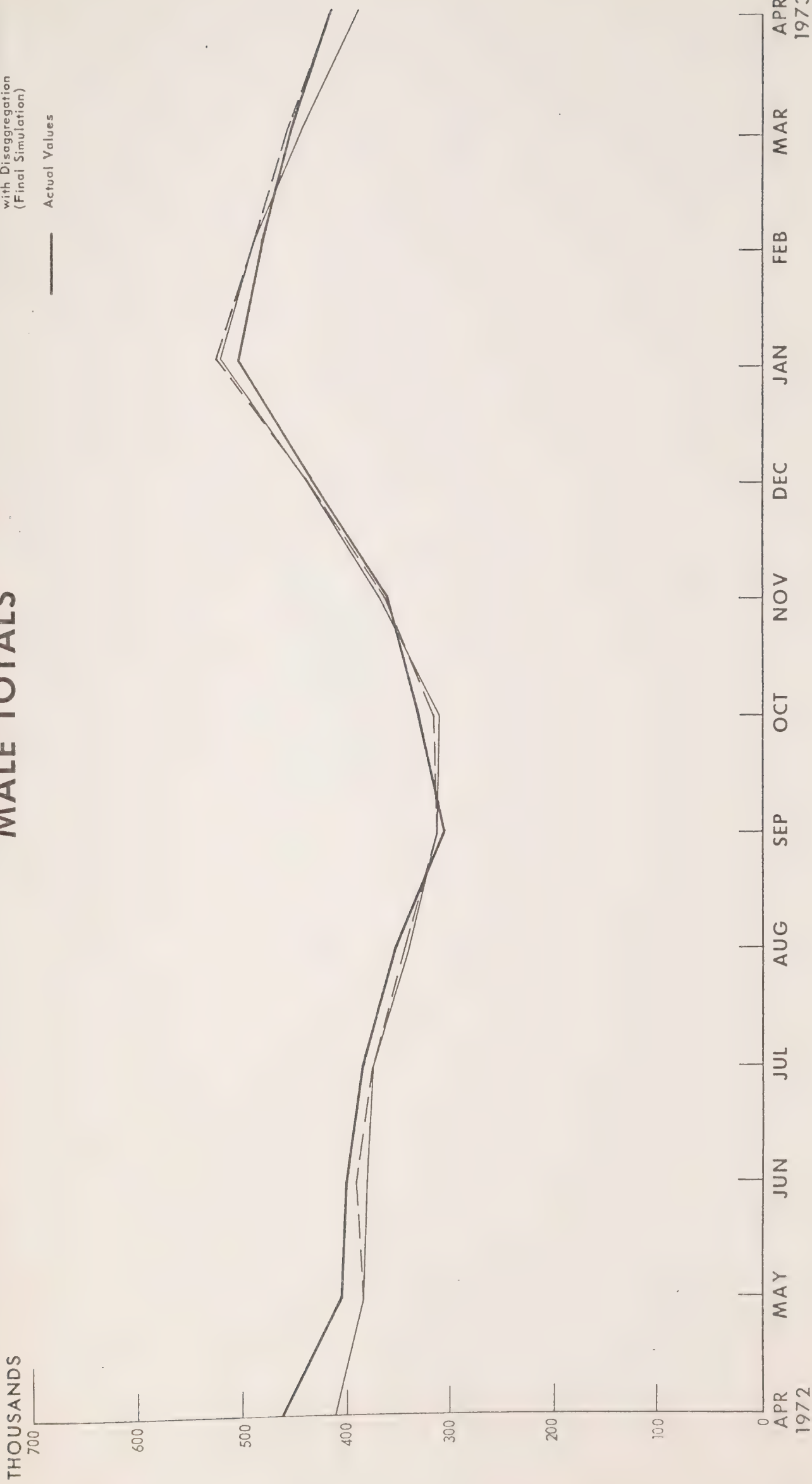
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 --- Calibrated Class A adjustment  
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NUMBER OF UNEMPLOYED PERSONS  
MALE TOTALS

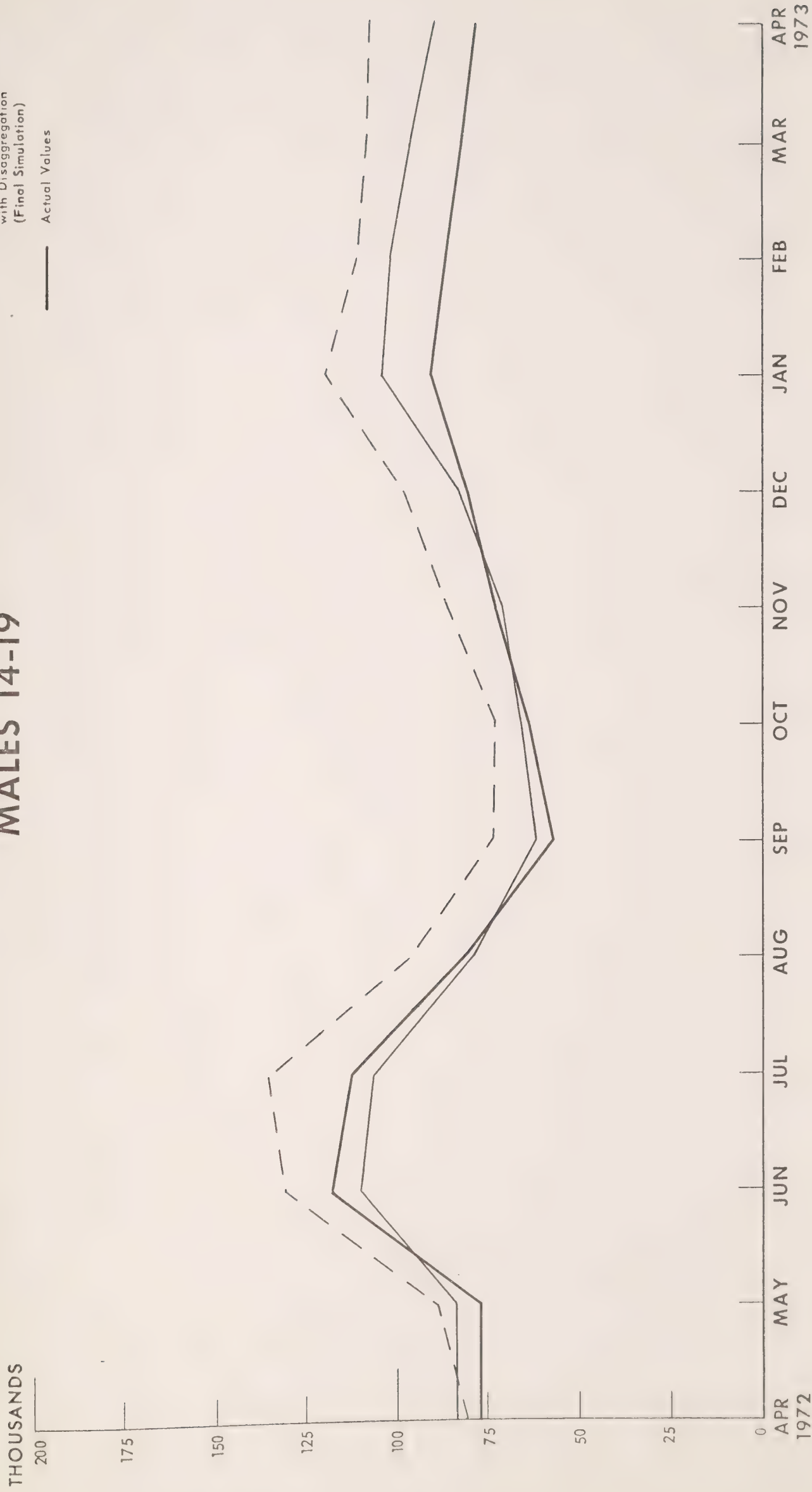
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- - - Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
— Actual Values





# NUMBER OF UNEMPLOYED PERSONS MALES 14-19

Original Simulation  
Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values

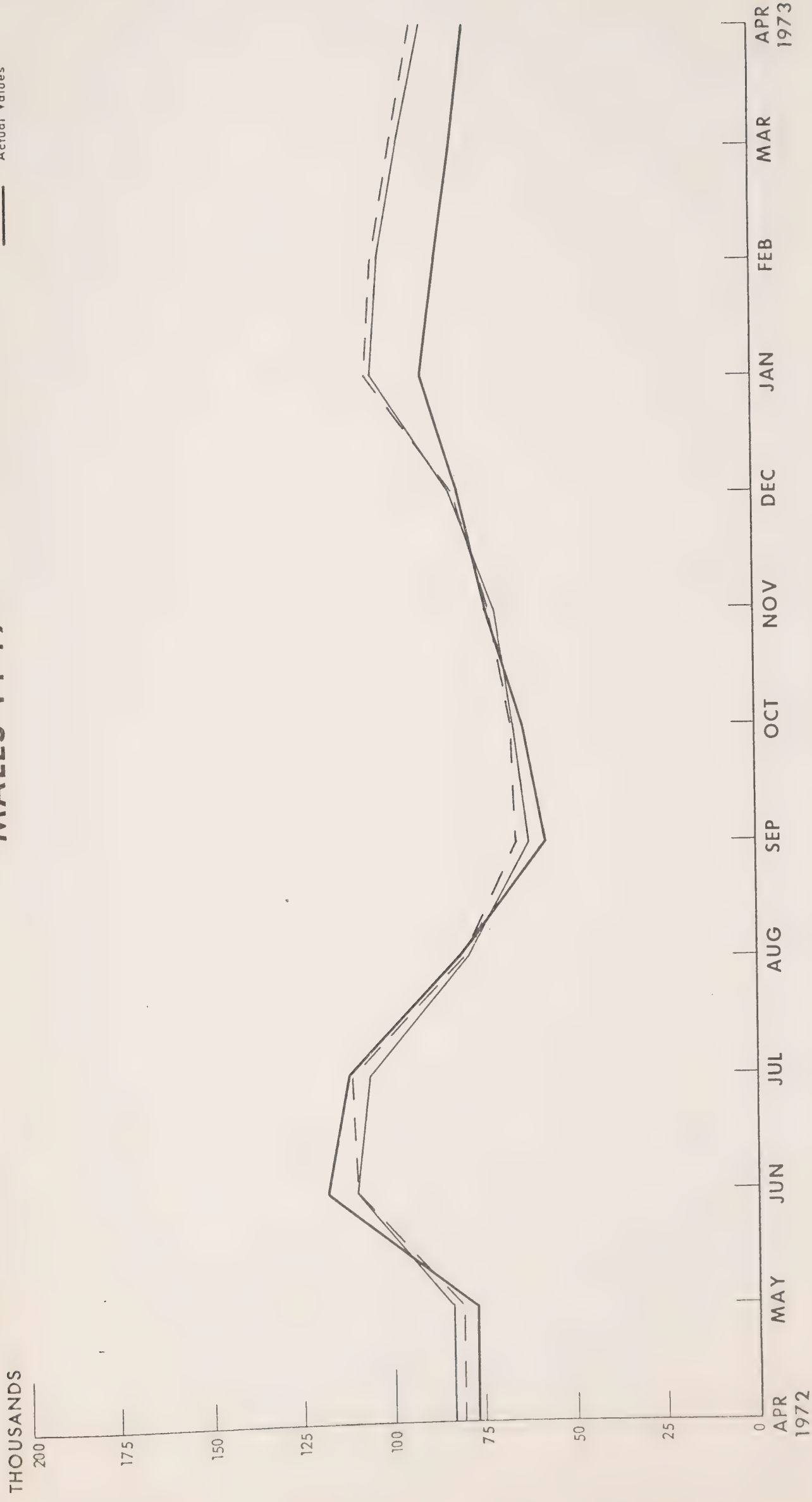






NUMBER OF UNEMPLOYED PERSONS  
MALES 14-19

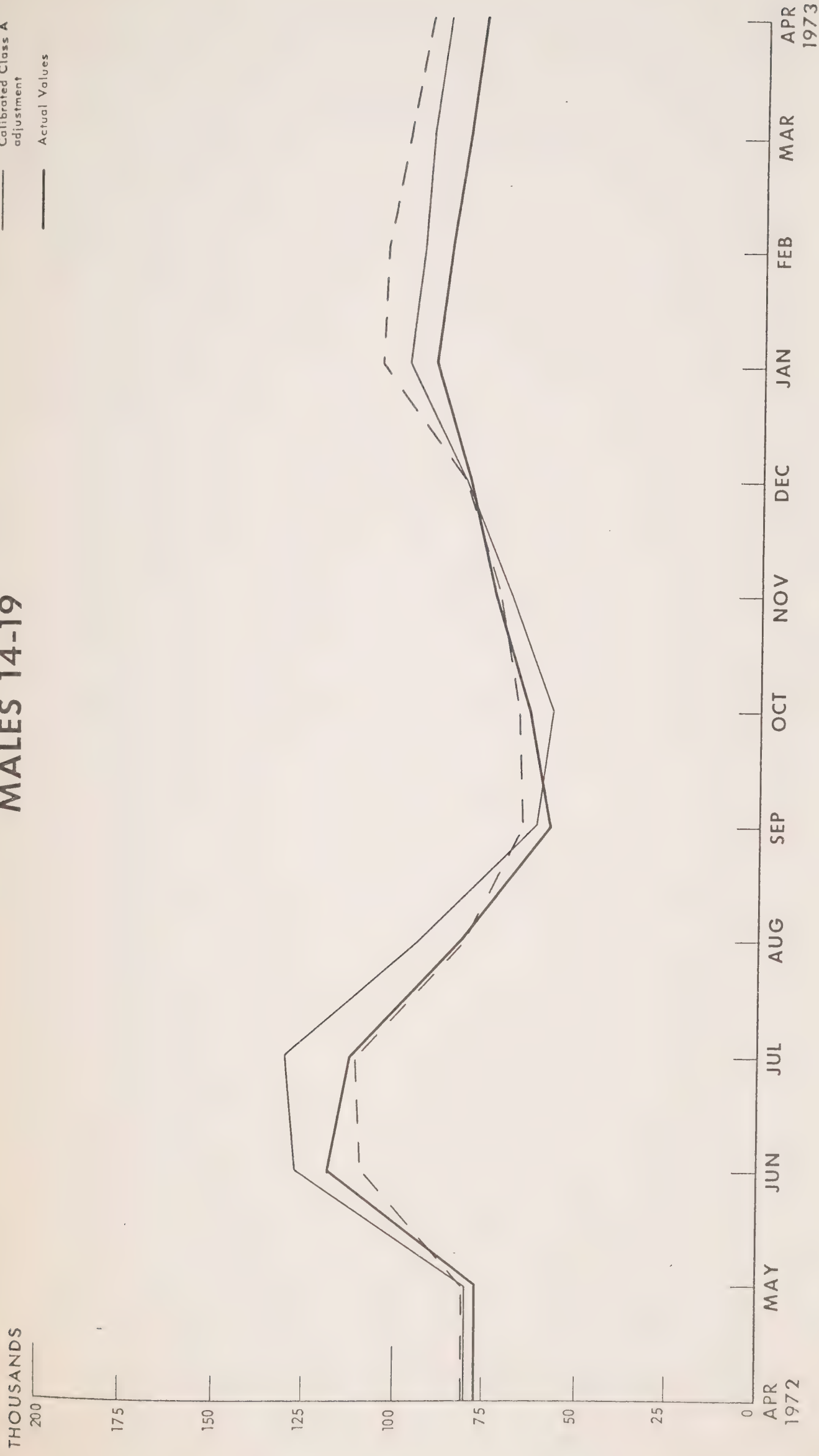
Original Simulation  
Class A adjustment  
Actual Values





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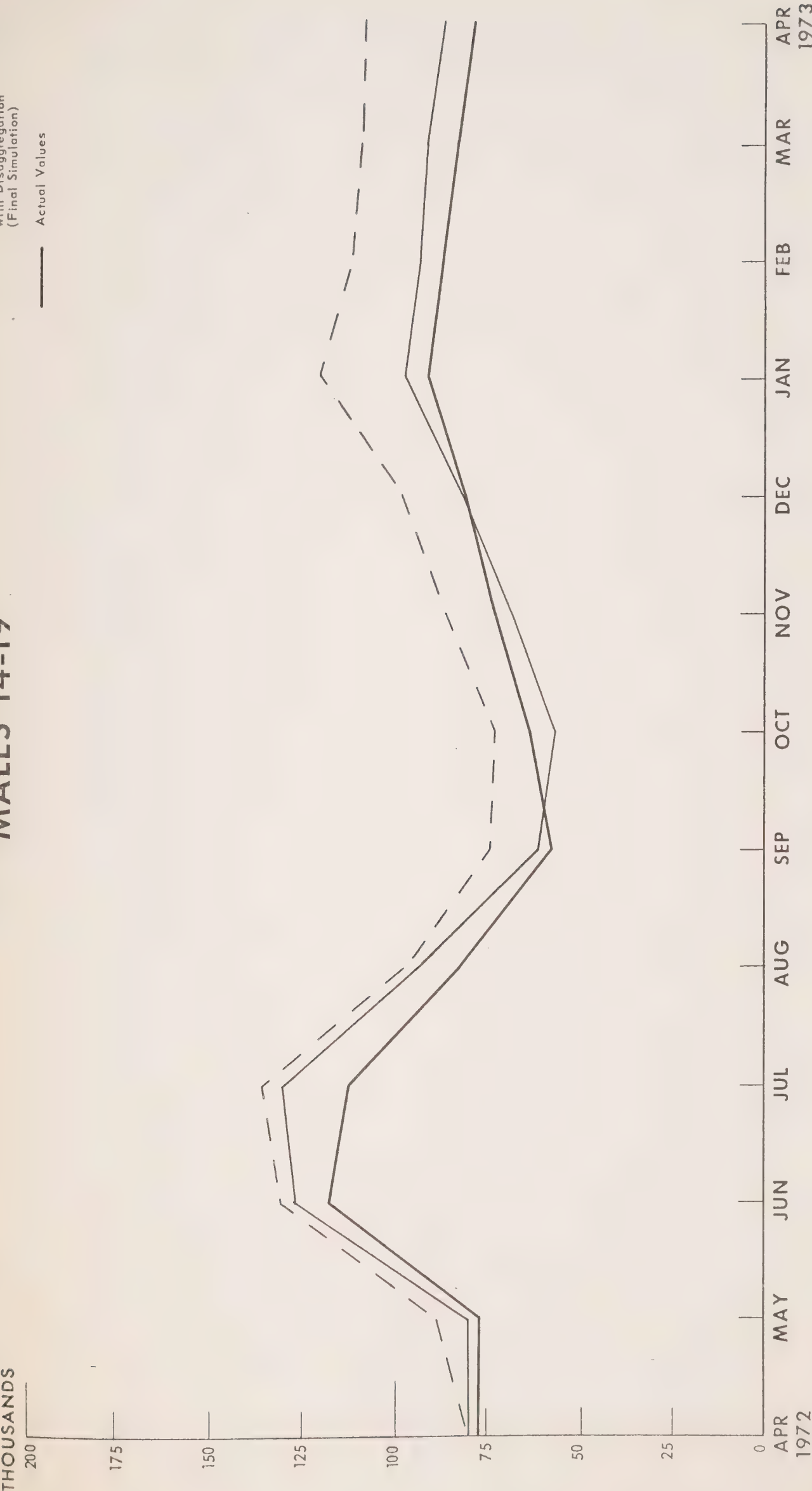
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 --- Calibrated Class A adjustment  
 --- Actual Values





NUMBER OF UNEMPLOYED PERSONS  
MALES 14-19

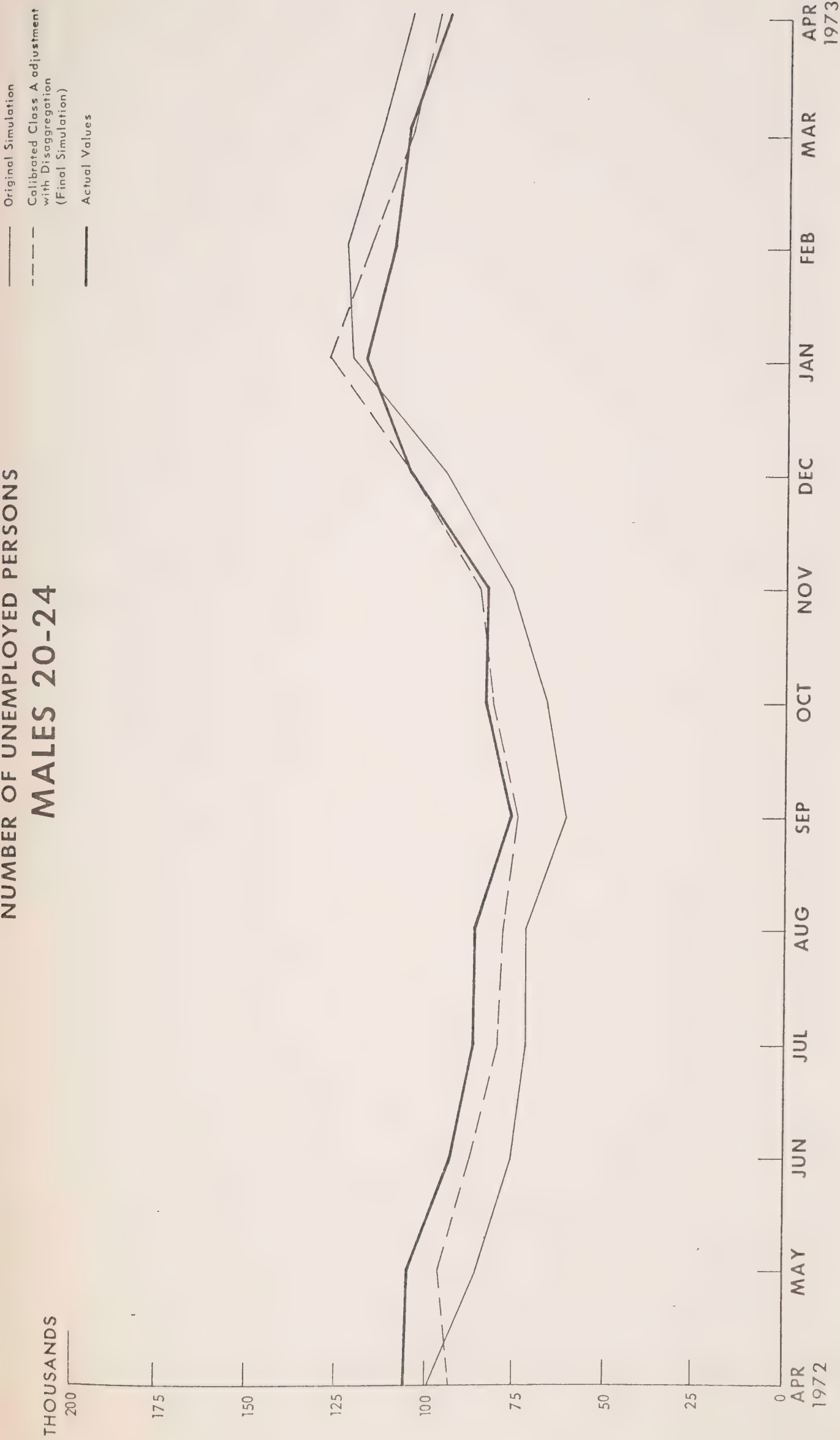
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Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values







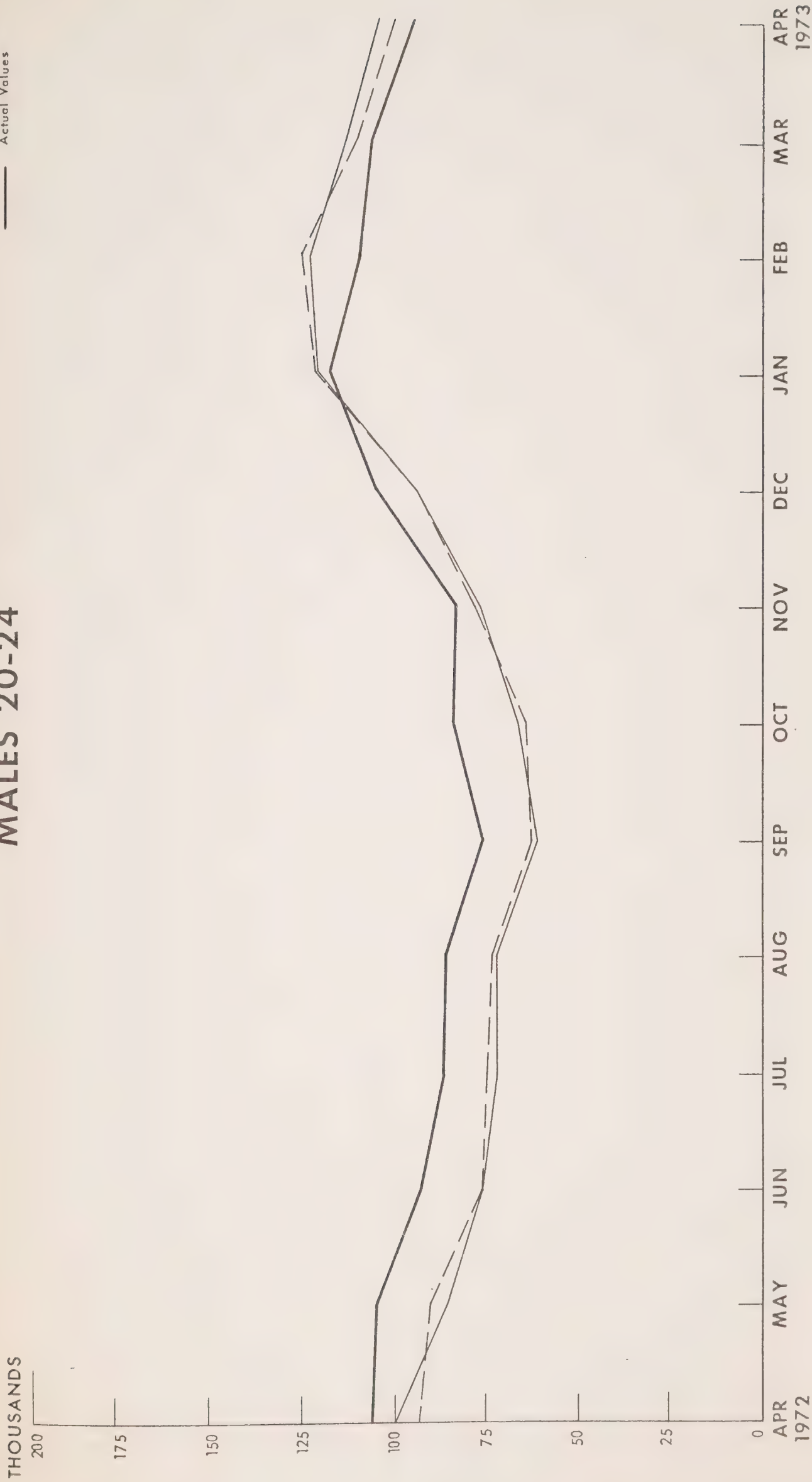
NUMBER OF UNEMPLOYED PERSONS  
MALES 20-24





NUMBER OF UNEMPLOYED PERSONS  
MALES 20-24

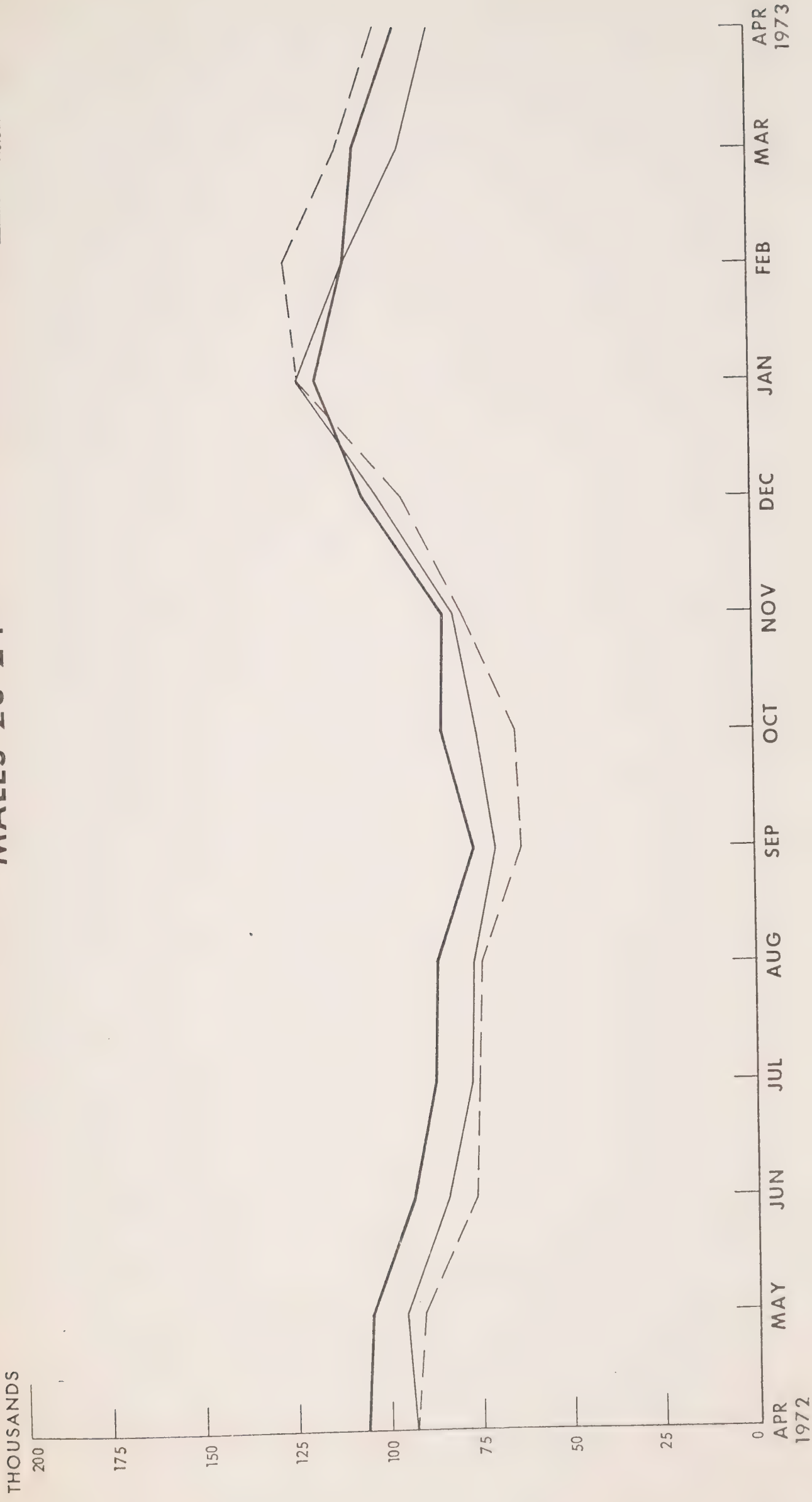
Original Simulation  
Class A adjustment  
Actual Values





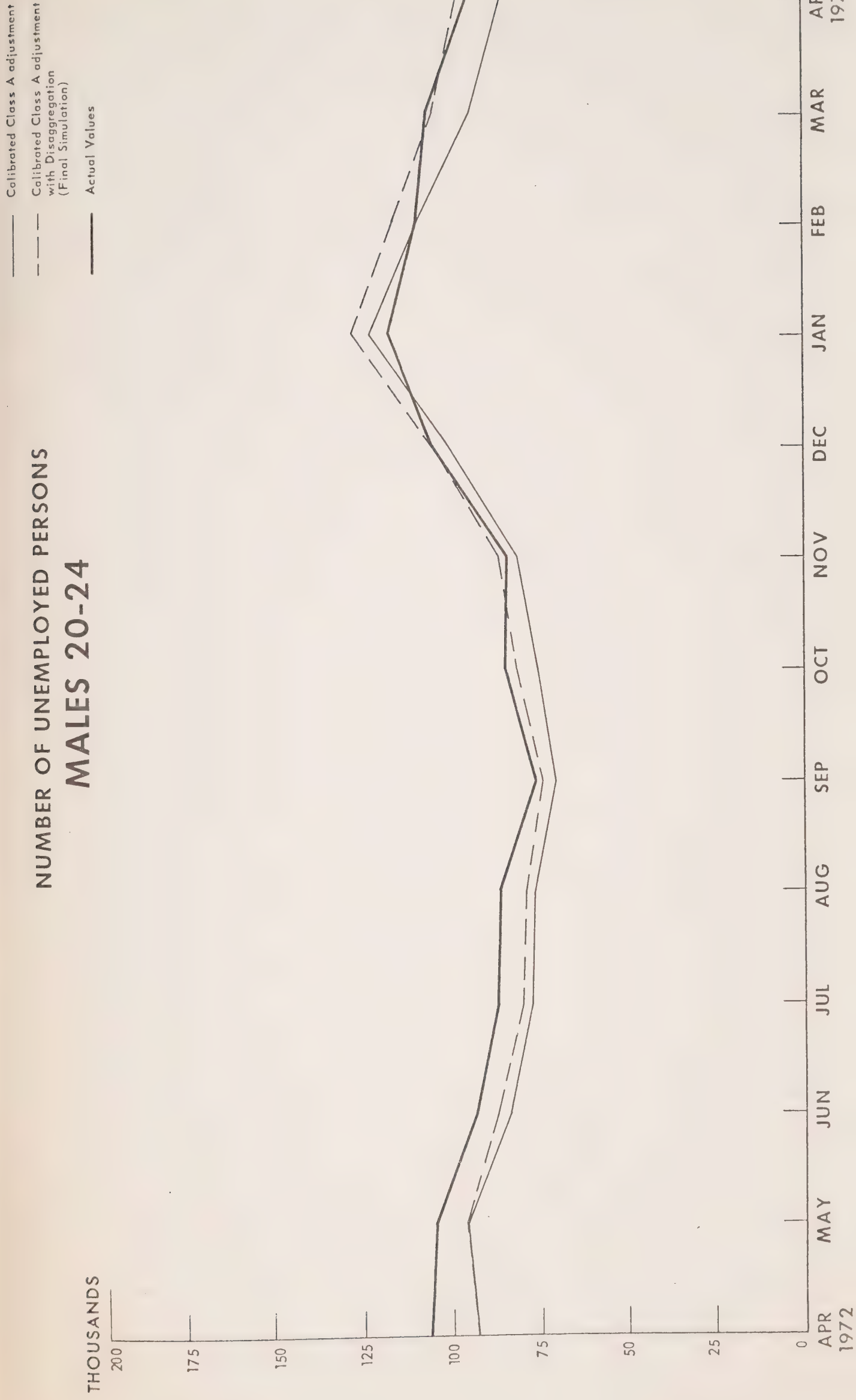
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- - - - - Class A adjustment  
 ————— Calibrated Class A adjustment  
 ————— Actual Values





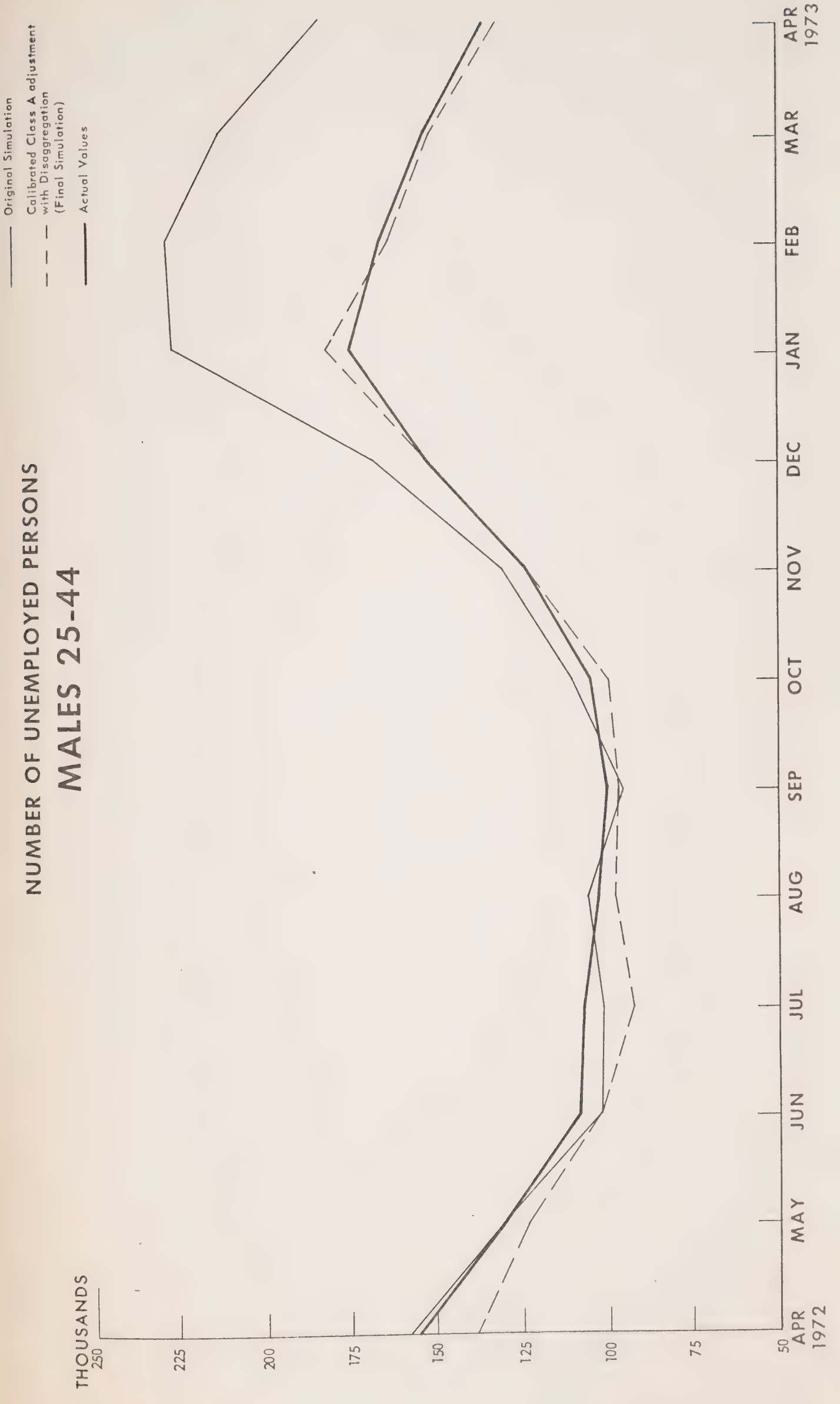
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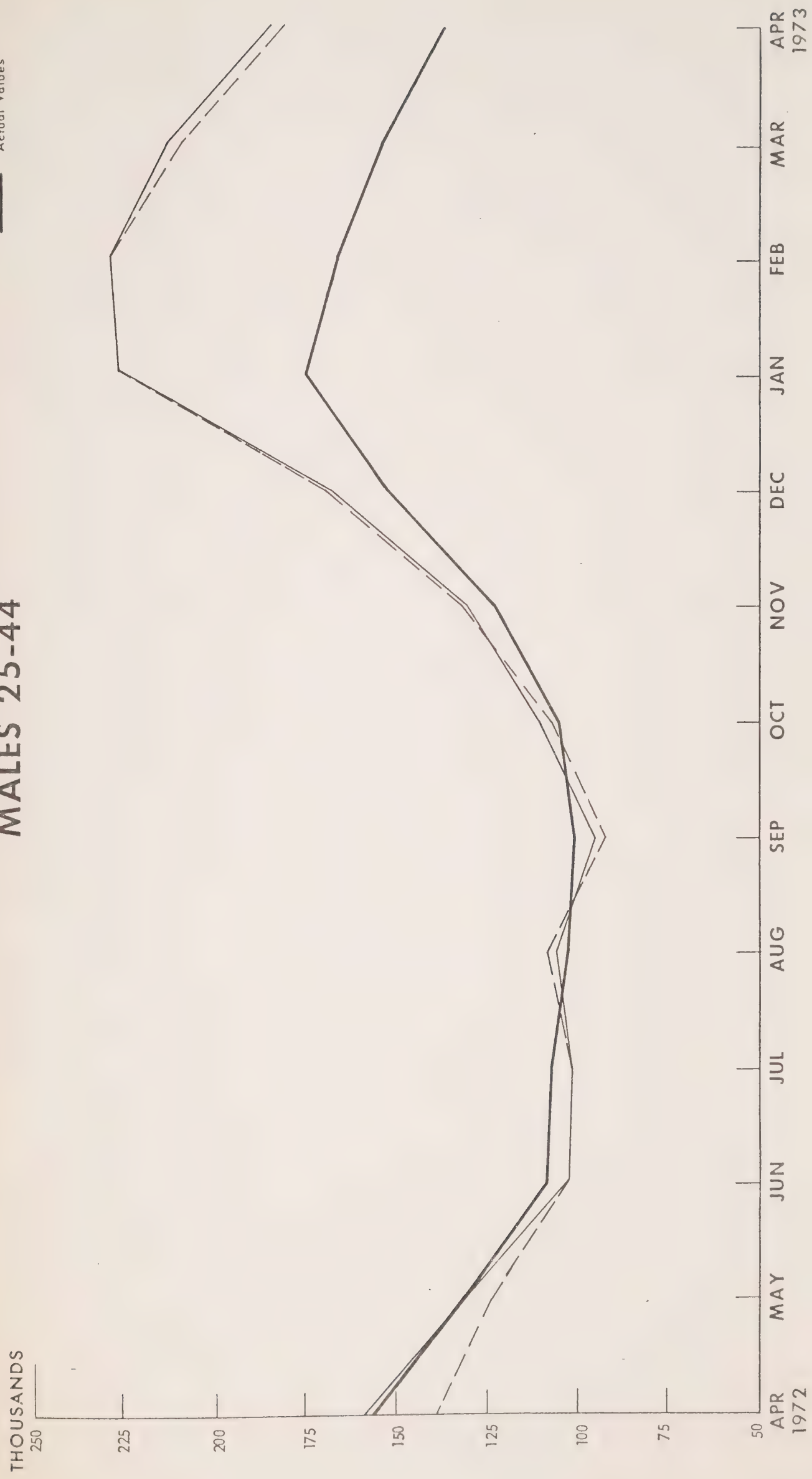
NUMBER OF UNEMPLOYED PERSONS  
MALES 25-44





# NUMBER OF UNEMPLOYED PERSONS MALES 25-44

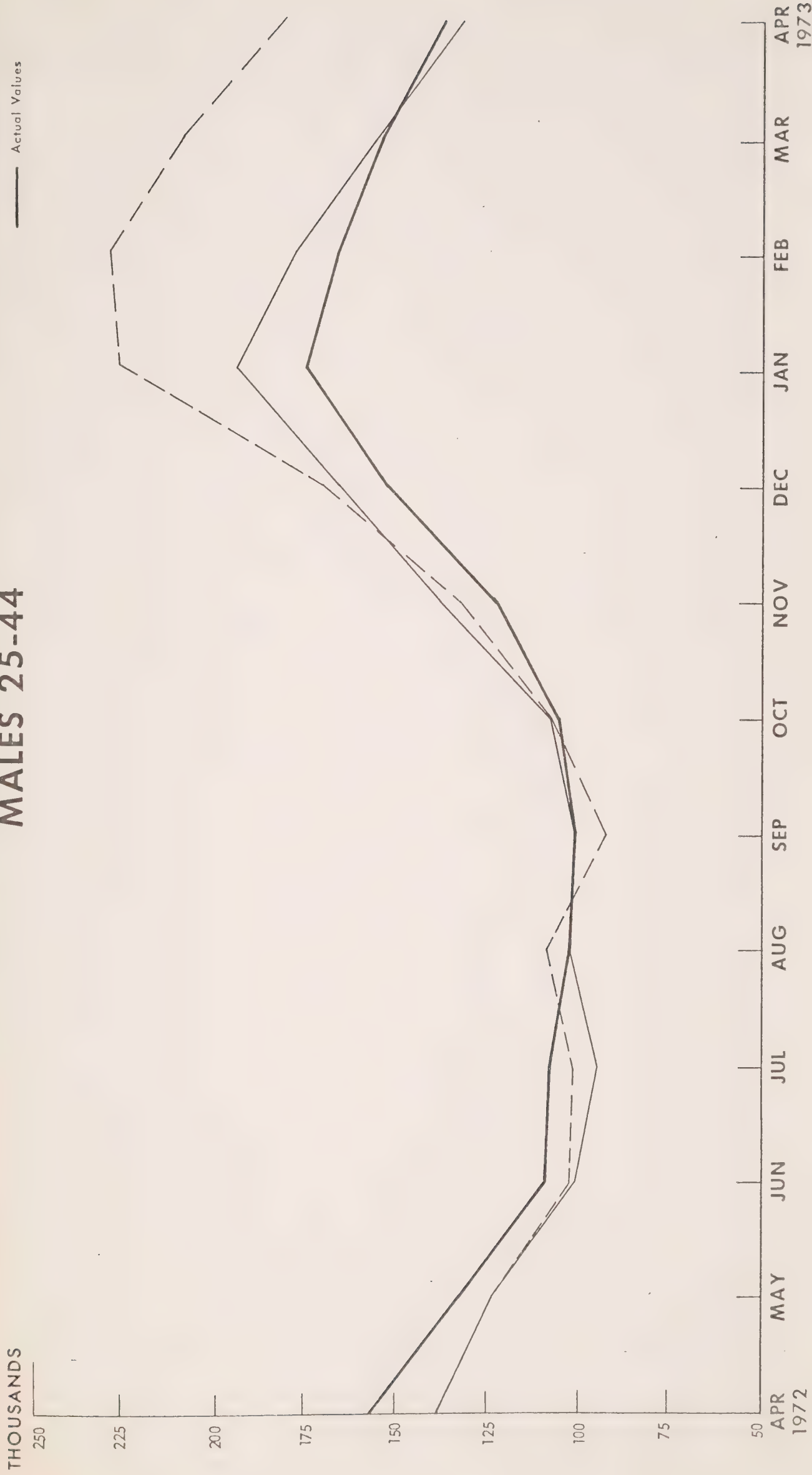
- Original Simulation
- Class A adjustment
- Actual Values





# NUMBER OF UNEMPLOYED PERSONS MALES 25-44

- - - Class A adjustment  
 — Calibrated Class A adjustment  
 — Actual Values



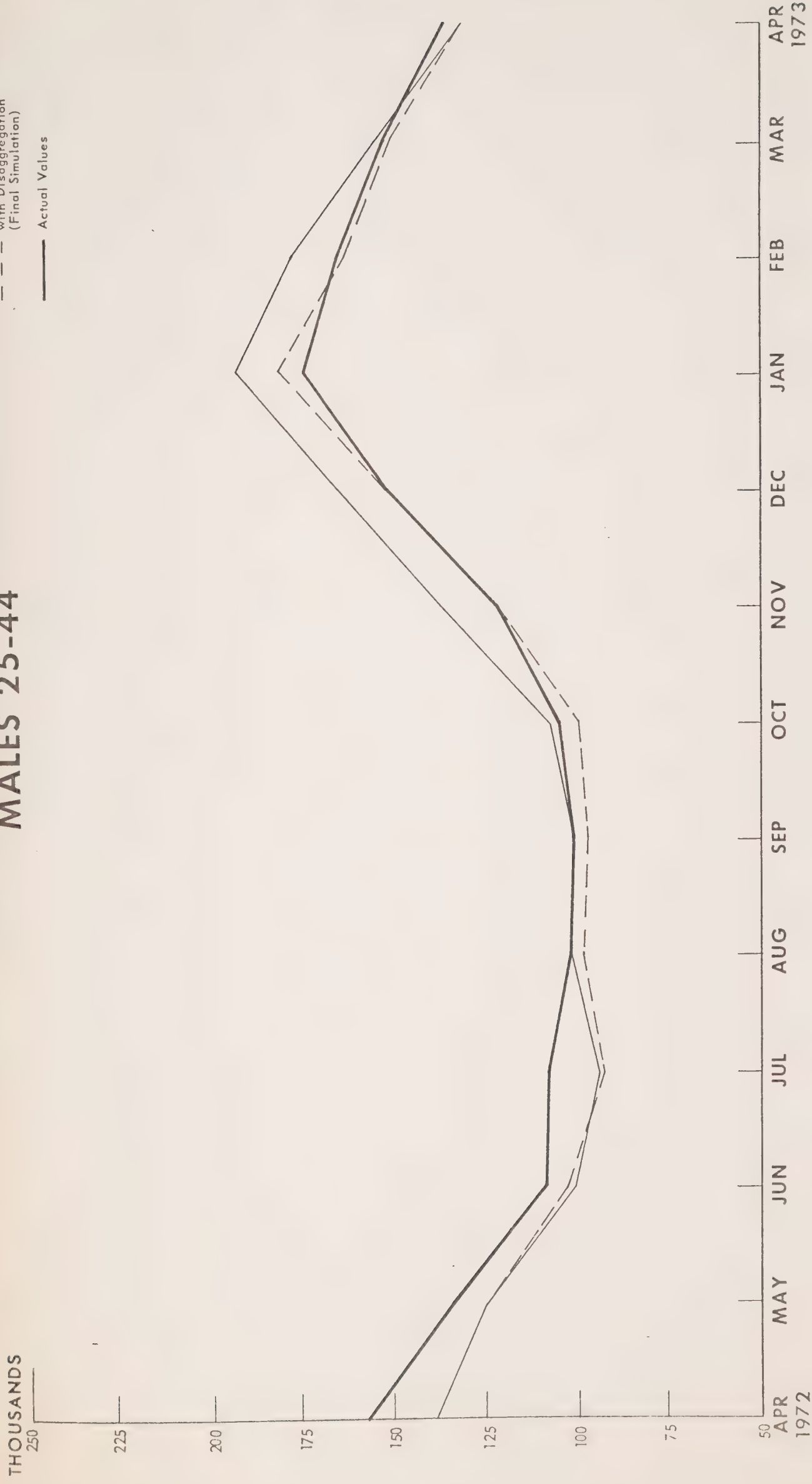




NUMBER OF UNEMPLOYED PERSONS

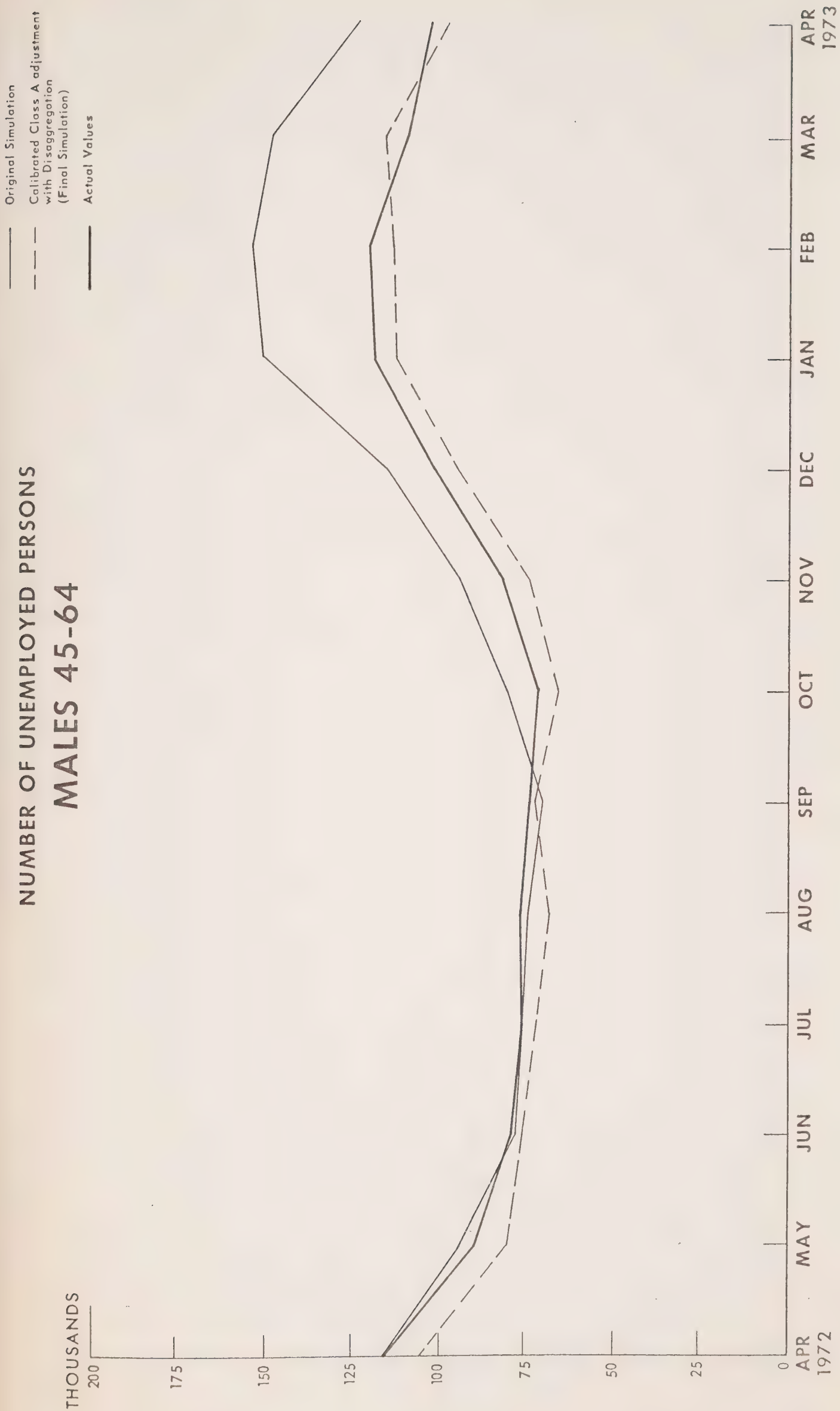
MALES 25-44

- Calibrated Class A adjustment
- - - Calibrated Class A adjustment with Disaggregation (Final Simulation)
- Actual Values





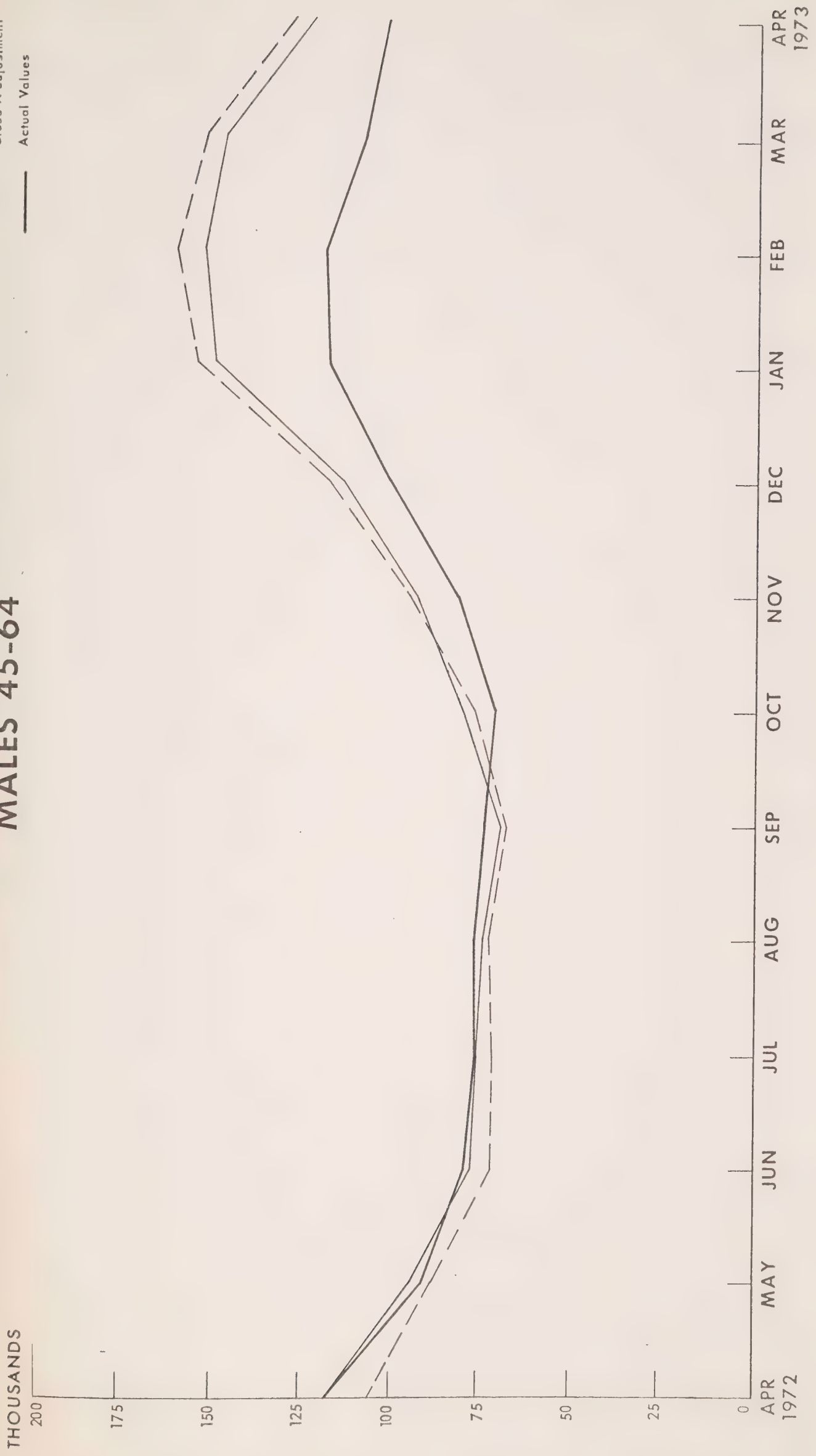
NUMBER OF UNEMPLOYED PERSONS  
MALES 45-64





NUMBER OF UNEMPLOYED PERSONS  
MALES 45-64

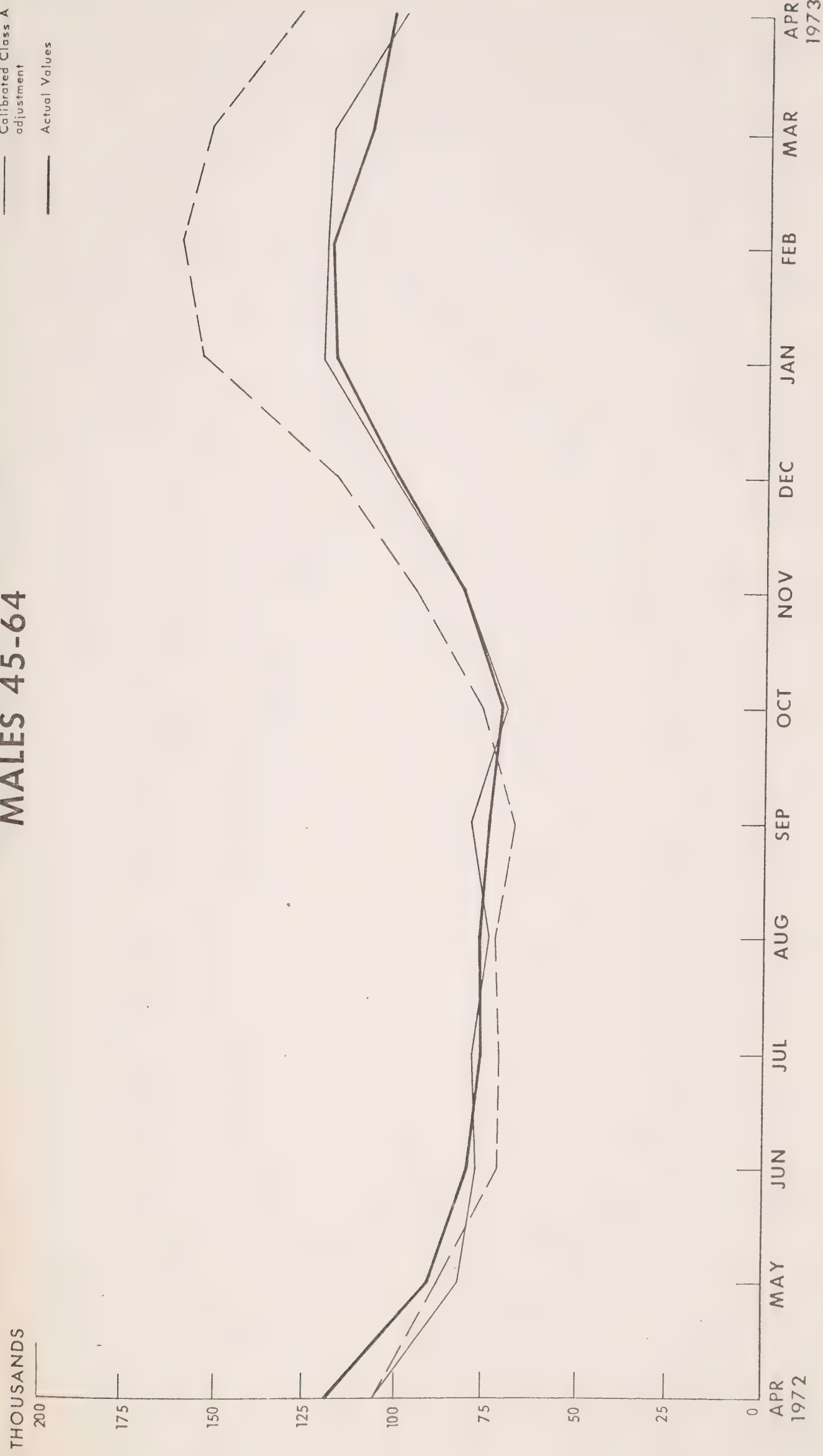
Original Simulation  
Class A adjustment  
Actual Values





# NUMBER OF UNEMPLOYED PERSONS MALES 45-64

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 --- Calibrated Class A adjustment  
 --- Actual Values

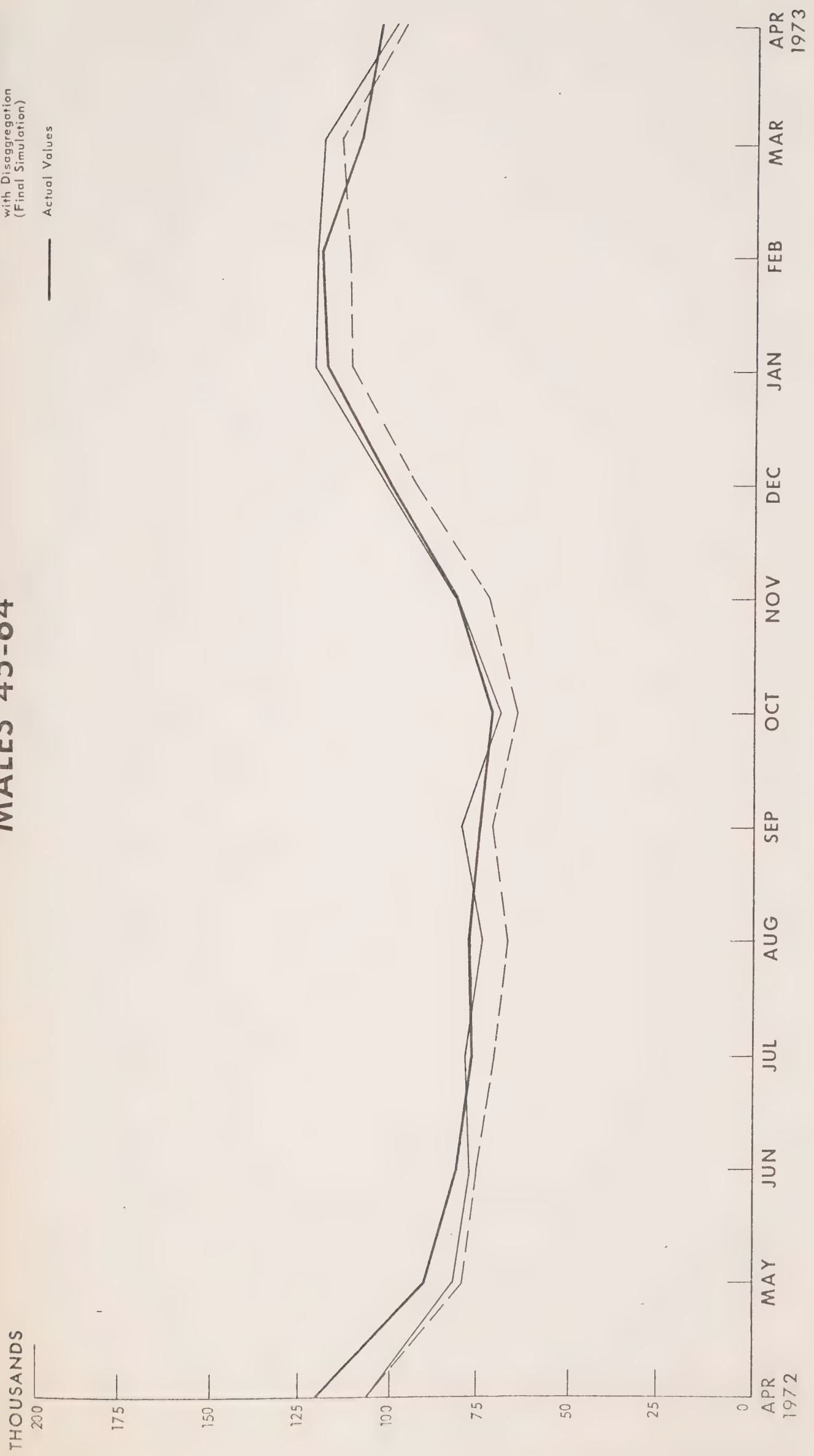






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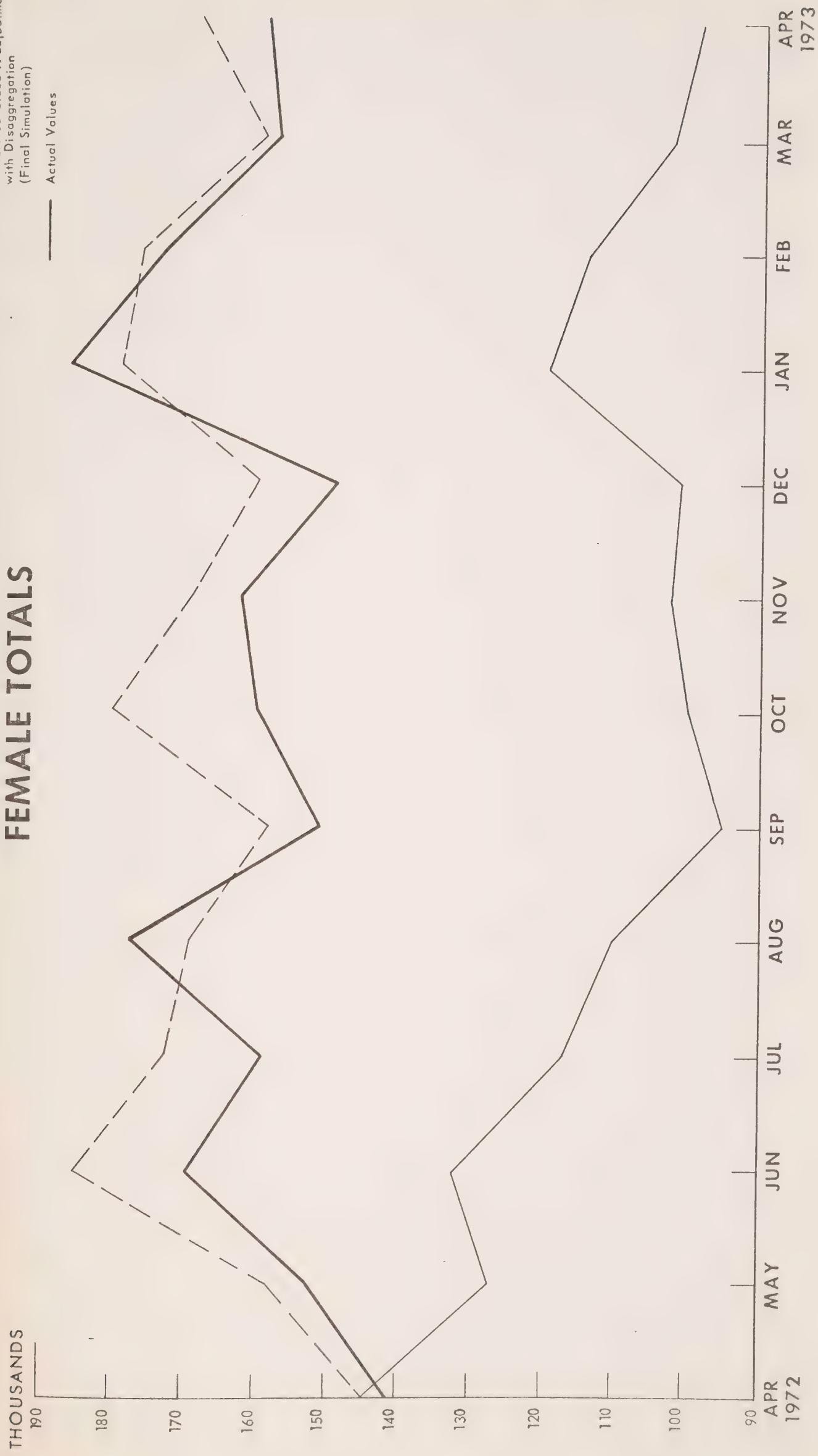
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- - - Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
— Actual Values





NUMBER OF UNEMPLOYED PERSONS  
FEMALE TOTALS

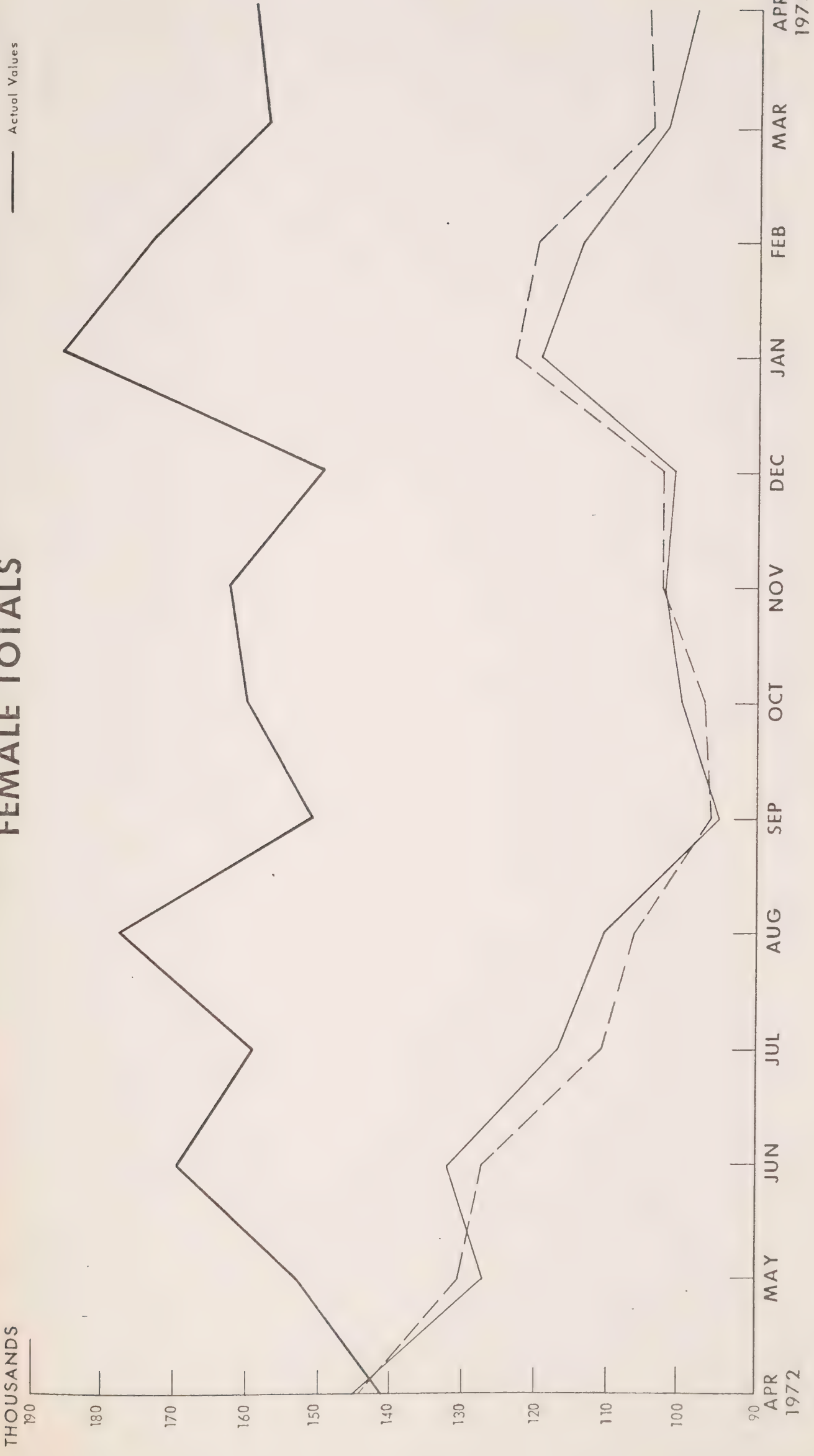
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(Final Simulation)  
Actual Values





NUMBER OF UNEMPLOYED PERSONS  
FEMALE TOTALS

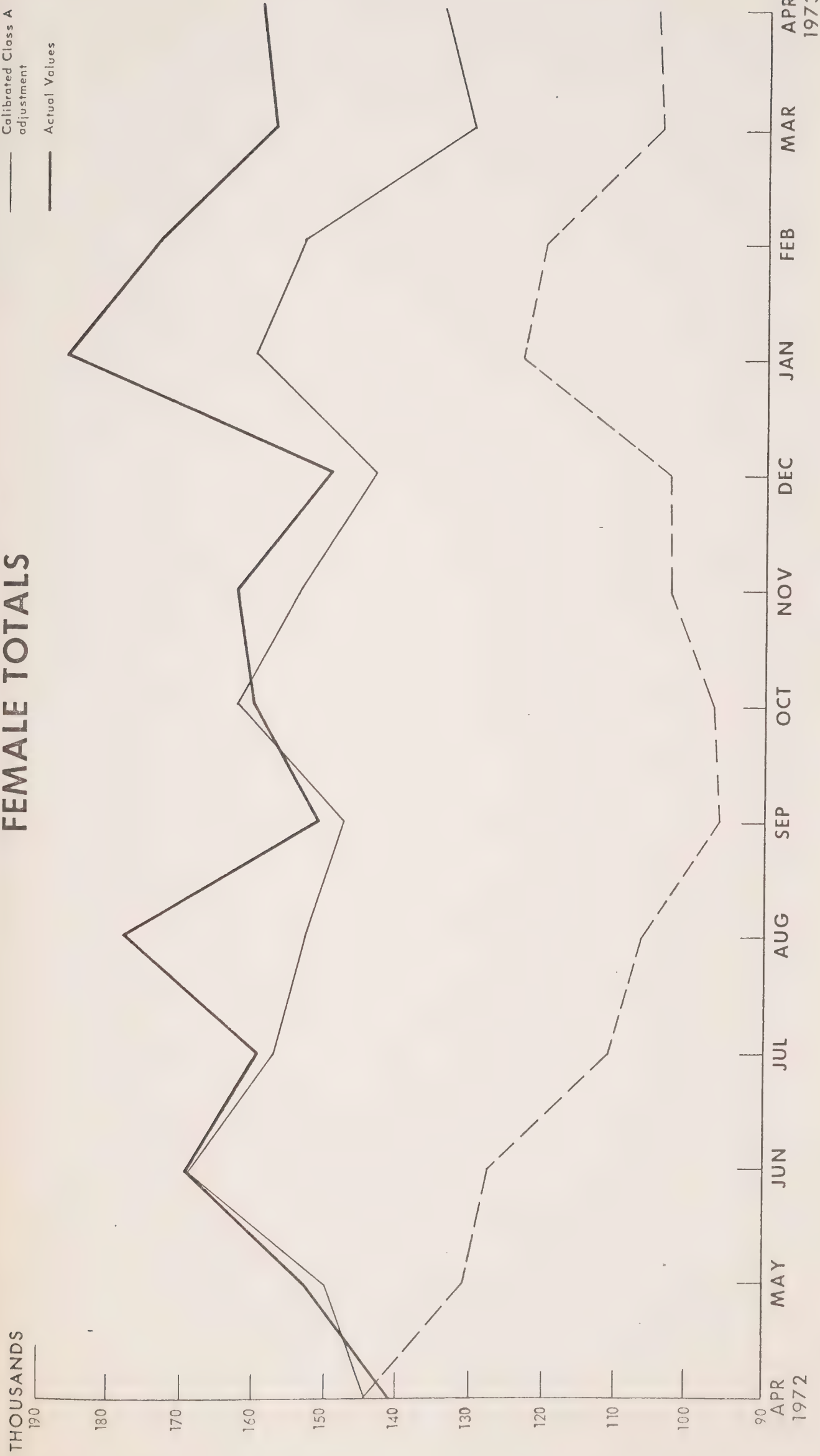
Original Simulation  
Class A adjustment  
Actual Values





# NUMBER OF UNEMPLOYED PERSONS FEMALE TOTALS

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 — Calibrated Class A adjustment  
 — Actual Values

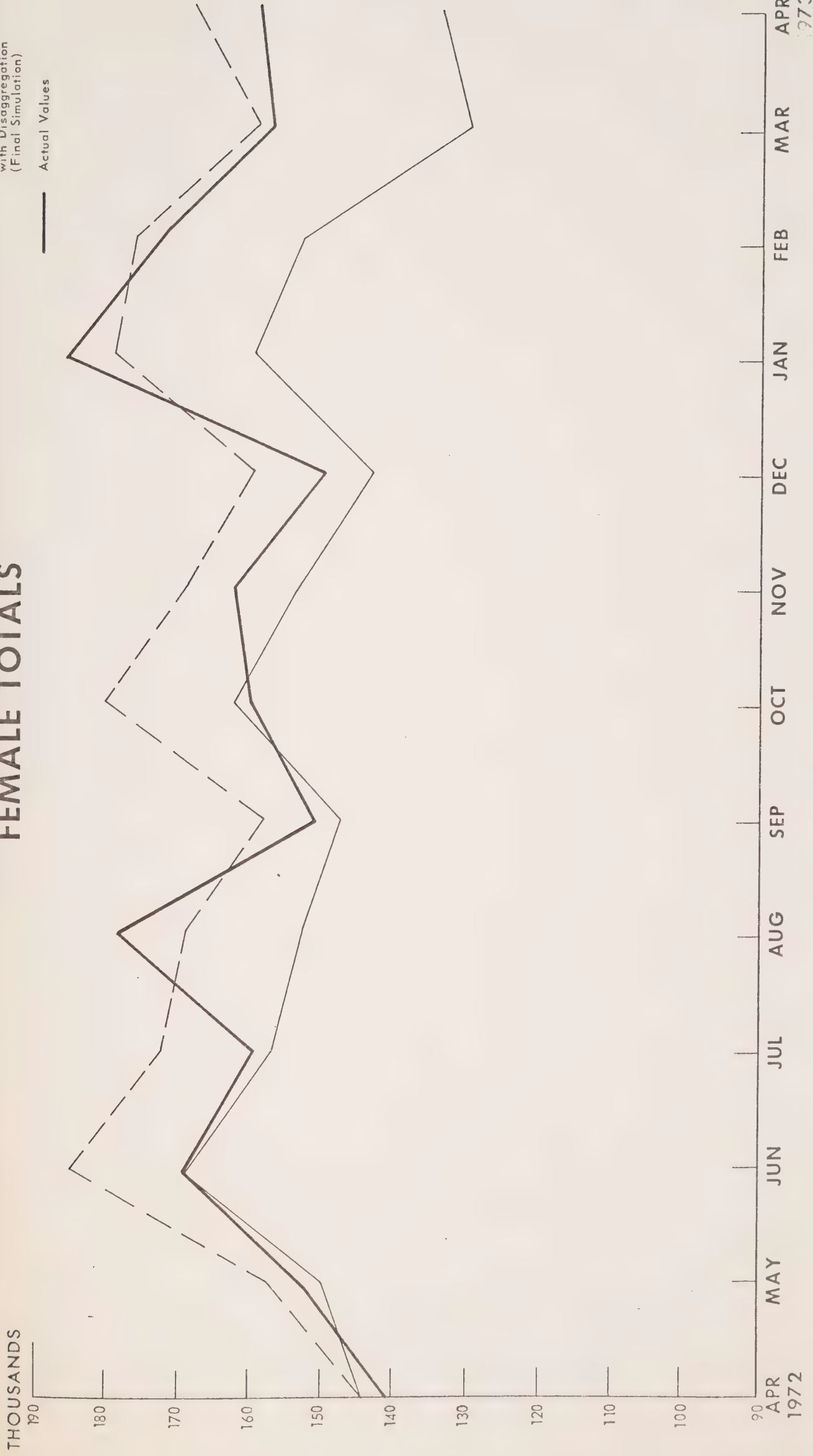






NUMBER OF UNEMPLOYED PERSONS  
FEMALE TOTALS

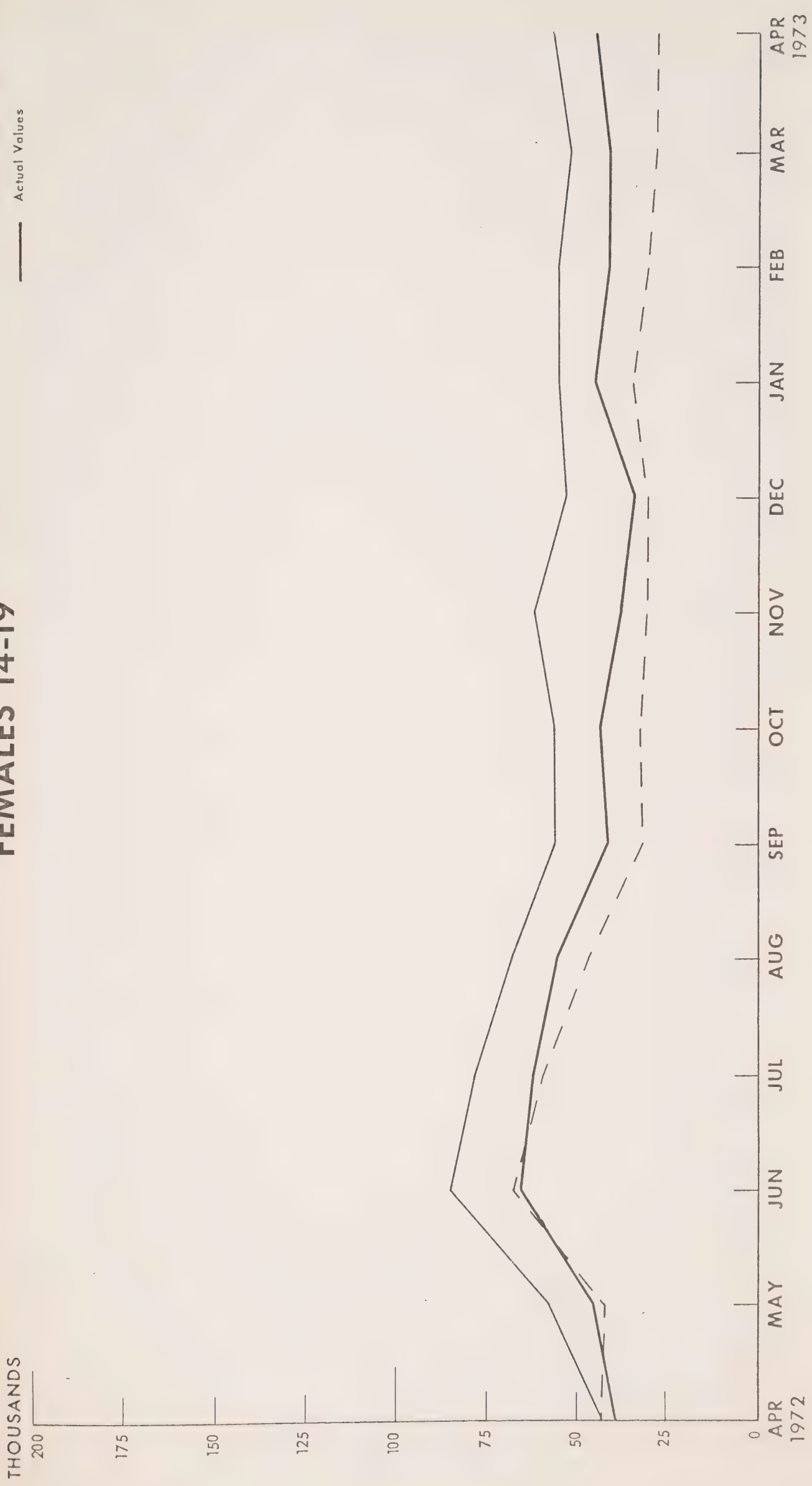
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- - - Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
— Actual Values





NUMBER OF UNEMPLOYED PERSONS  
FEMALES 14-19

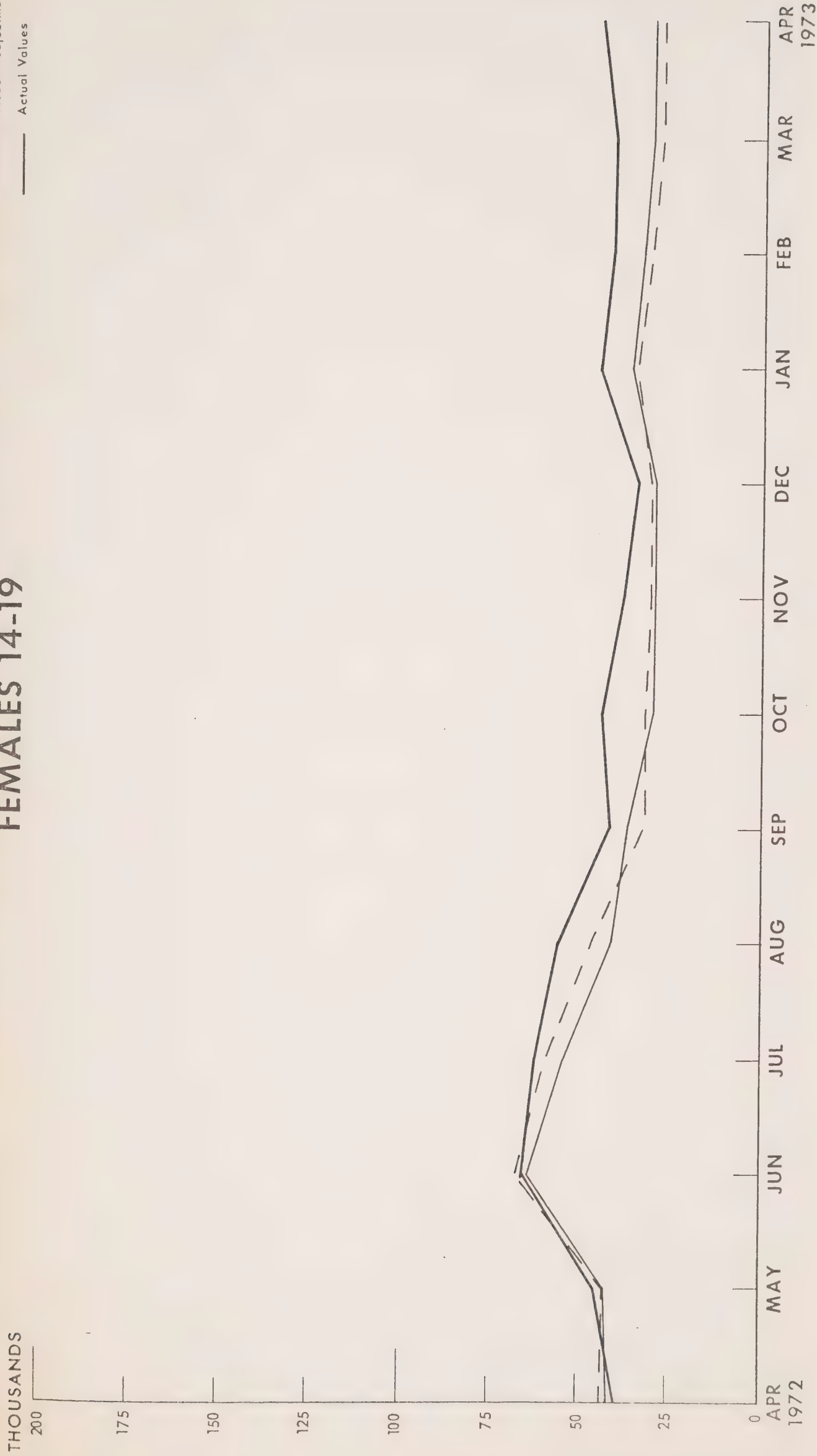
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— Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
— Actual Values





# NUMBER OF UNEMPLOYED PERSONS FEMALES 14-19

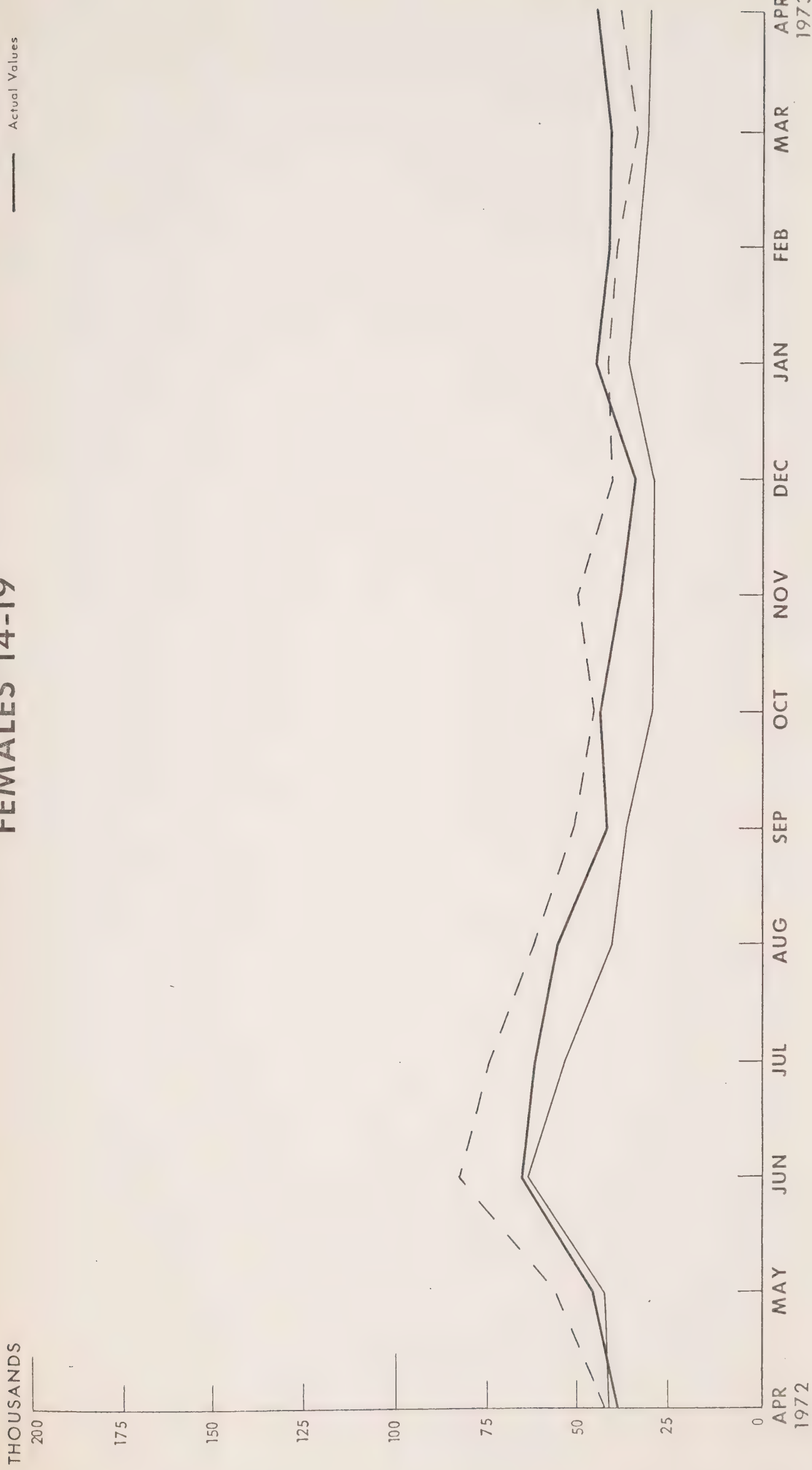
- - - Original Simulation  
 - - - Class A adjustment  
 - - - Actual Values





# NUMBER OF UNEMPLOYED PERSONS FEMALES 14-19

— Class A adjustment  
- - - Calibrated Class A  
adjustment  
— Actual Values

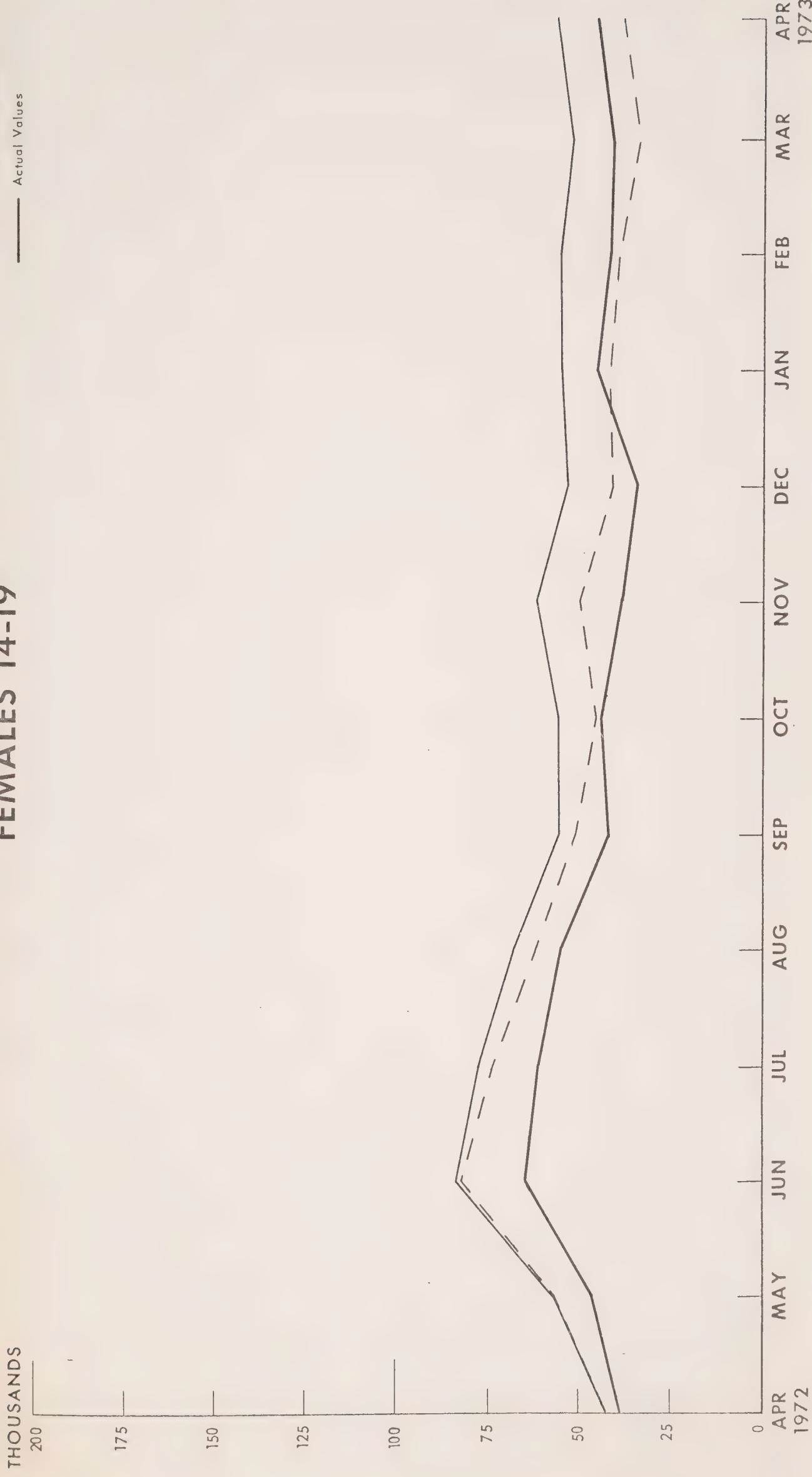






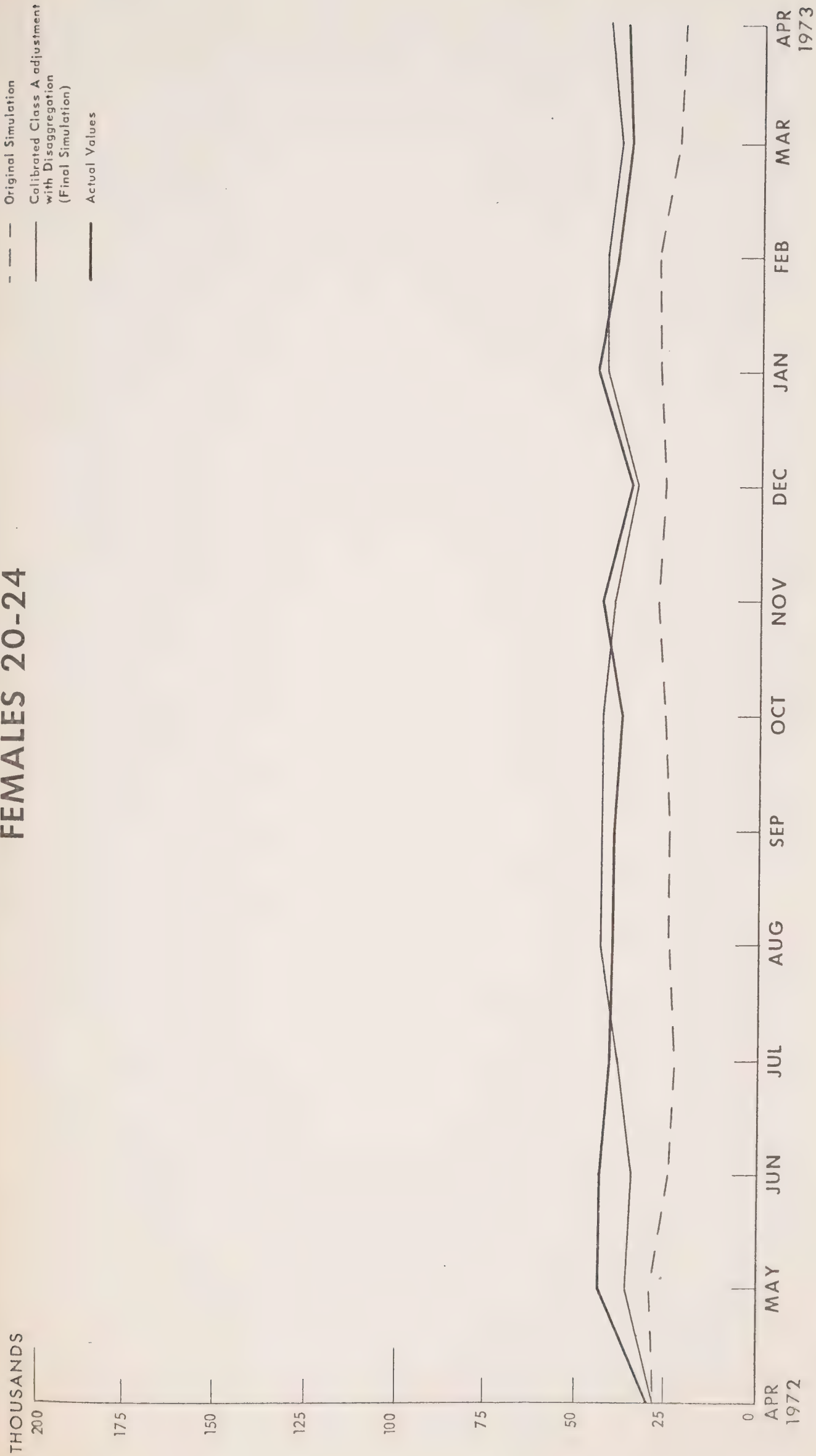
# NUMBER OF UNEMPLOYED PERSONS FEMALES 14-19

- - - Calibrated Class A adjustment  
— Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
— Actual Values





NUMBER OF UNEMPLOYED PERSONS  
FEMALES 20-24

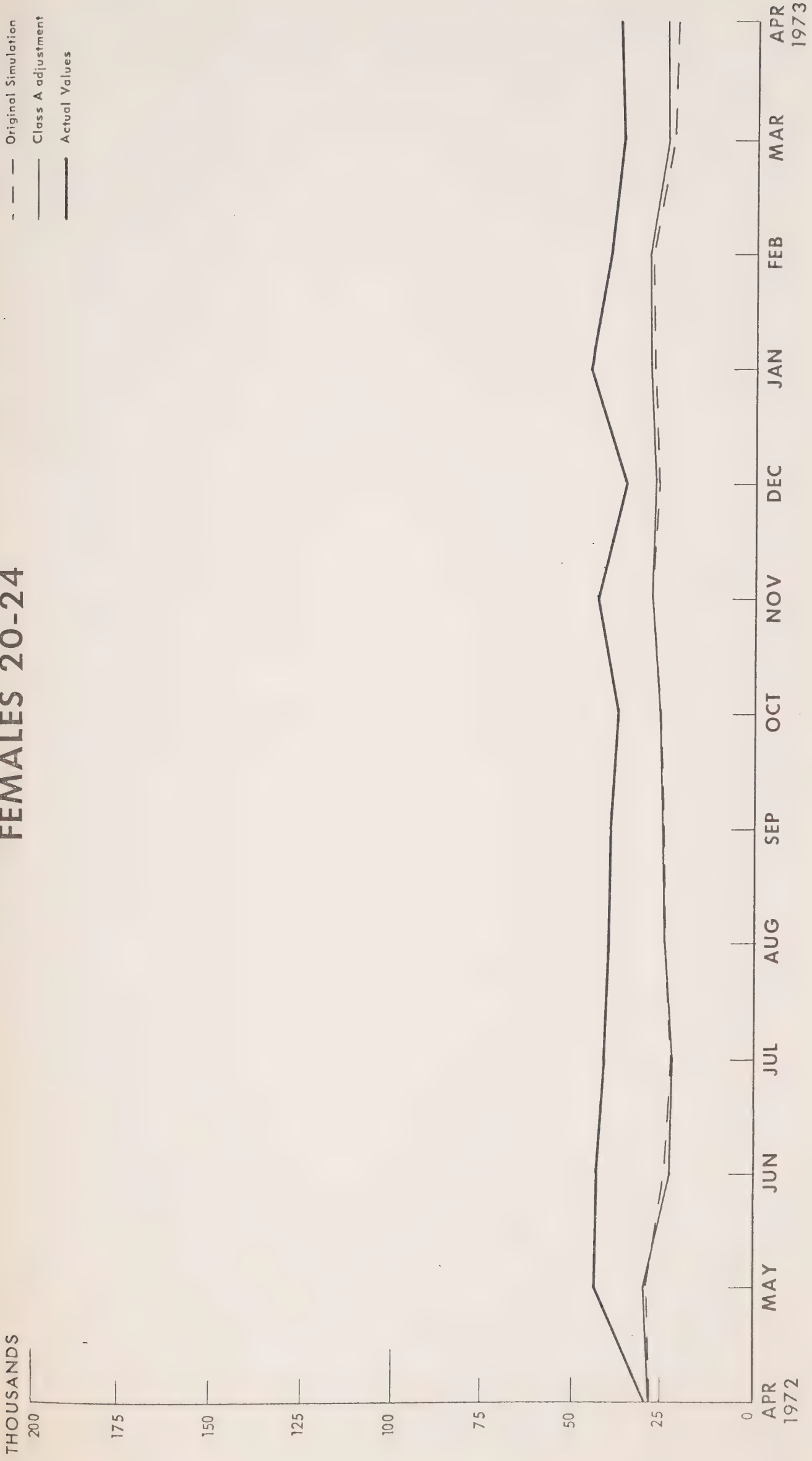




NUMBER OF UNEMPLOYED PERSONS

FEMALES 20-24

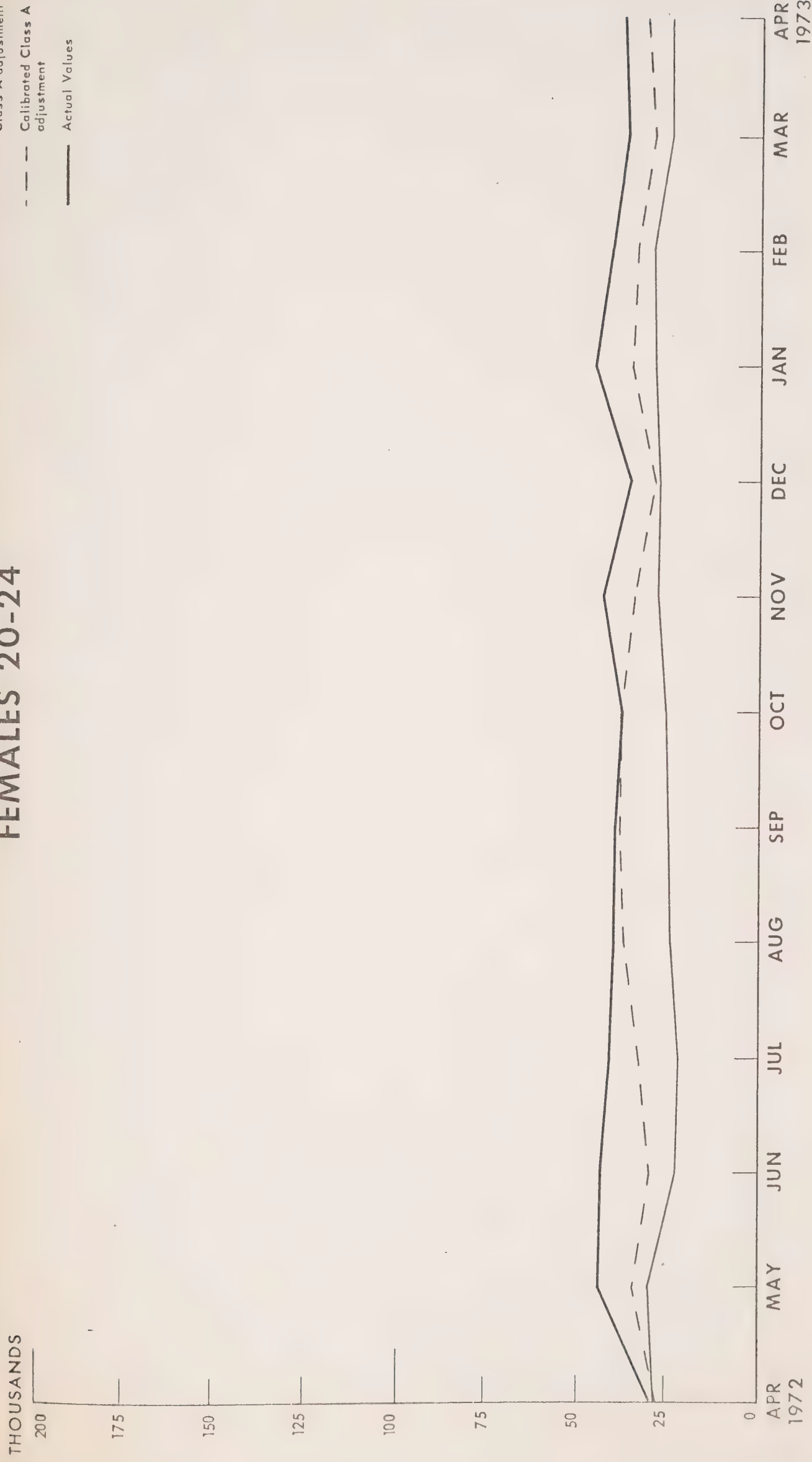
- - - Original Simulation
- Class A adjustment
- Actual Values





# NUMBER OF UNEMPLOYED PERSONS FEMALES 20-24

— Class A adjustment  
 - - - Calibrated Class A adjustment  
 — Actual Values

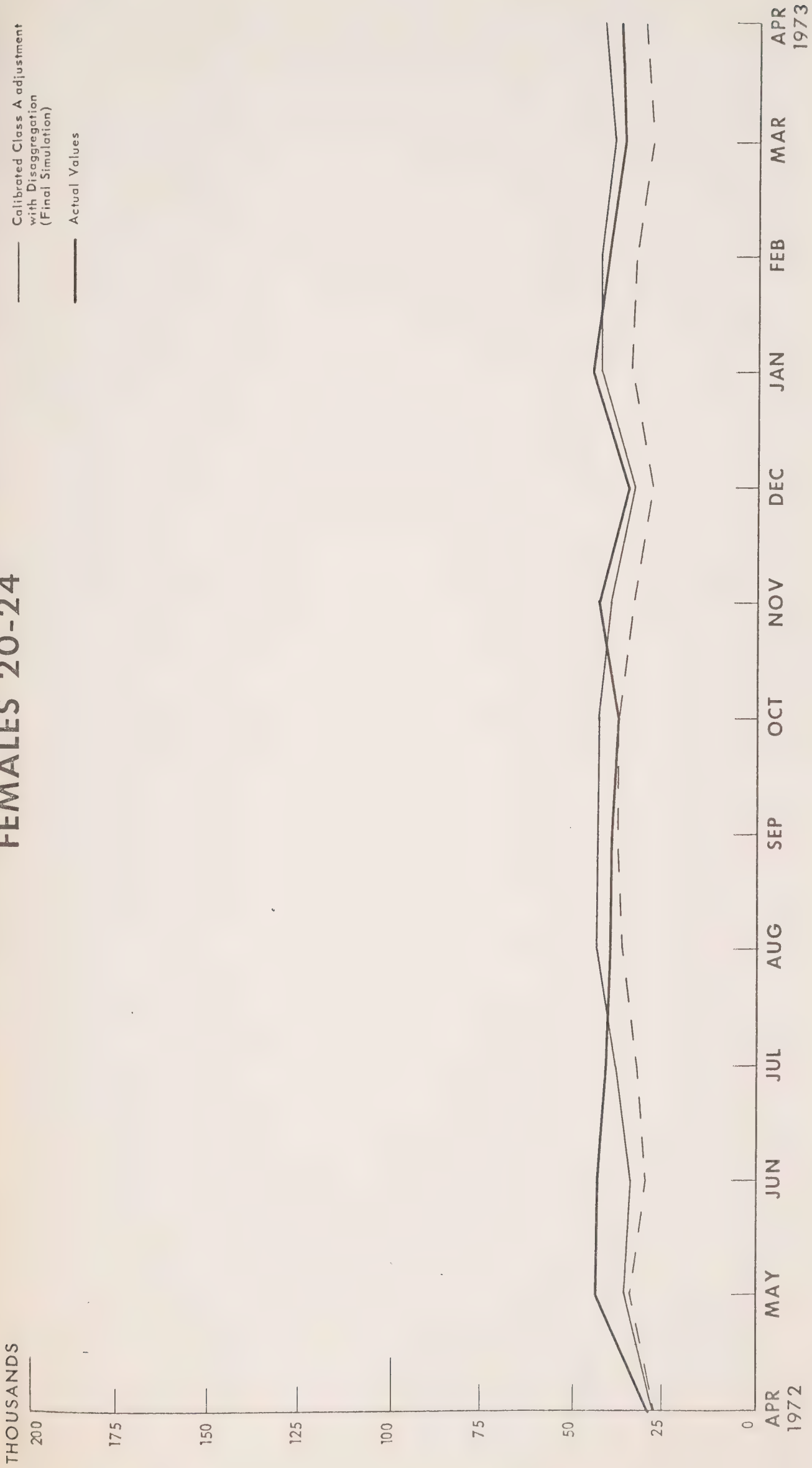






NUMBER OF UNEMPLOYED PERSONS  
FEMALES 20-24

- - - Calibrated Class A adjustment
- Calibrated Class A adjustment with Disaggregation (Final Simulation)
- Actual Values

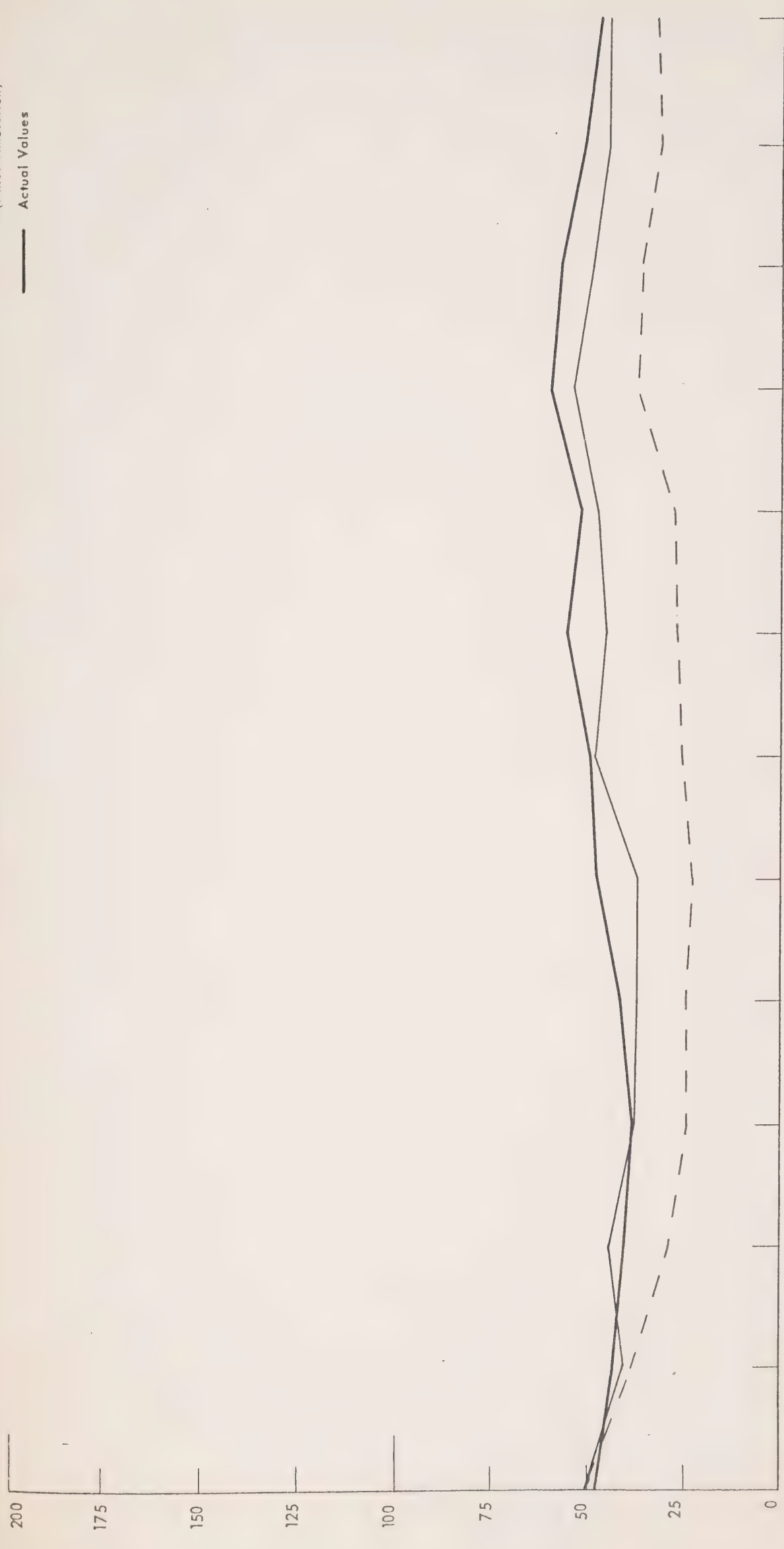




NUMBER OF UNEMPLOYED PERSONS  
FEMALES 25-44

- - - Original Simulation  
— Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
— Actual Values

THOUSANDS

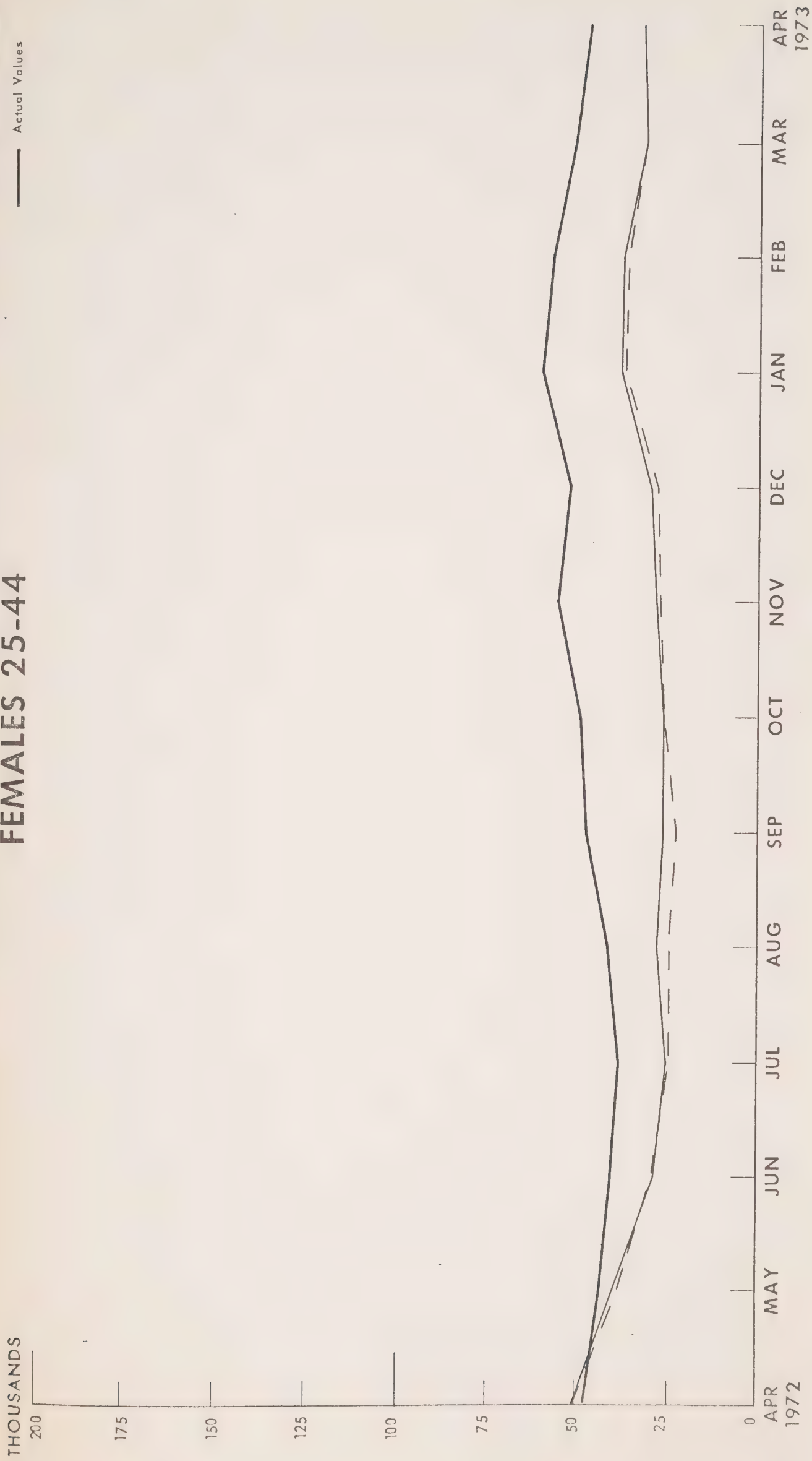


APR 1972      MAY      JUN      JUL      AUG      SEP      OCT      NOV      DEC      JAN      FEB      MAR      APR 1973



NUMBER OF UNEMPLOYED PERSONS  
FEMALES 25-44

--- Original Simulation  
--- Class A adjustment  
--- Actual Values





NUMBER OF UNEMPLOYED PERSONS  
FEMALES 25-44

— Class A adjustment  
- - - Calibrated Class A  
adjustment  
— Actual Values

THOUSANDS

200

175

150

125

100

75

50

25

0

APR  
1972

MAY

JUN

JUL

AUG

SEP

OCT

NOV

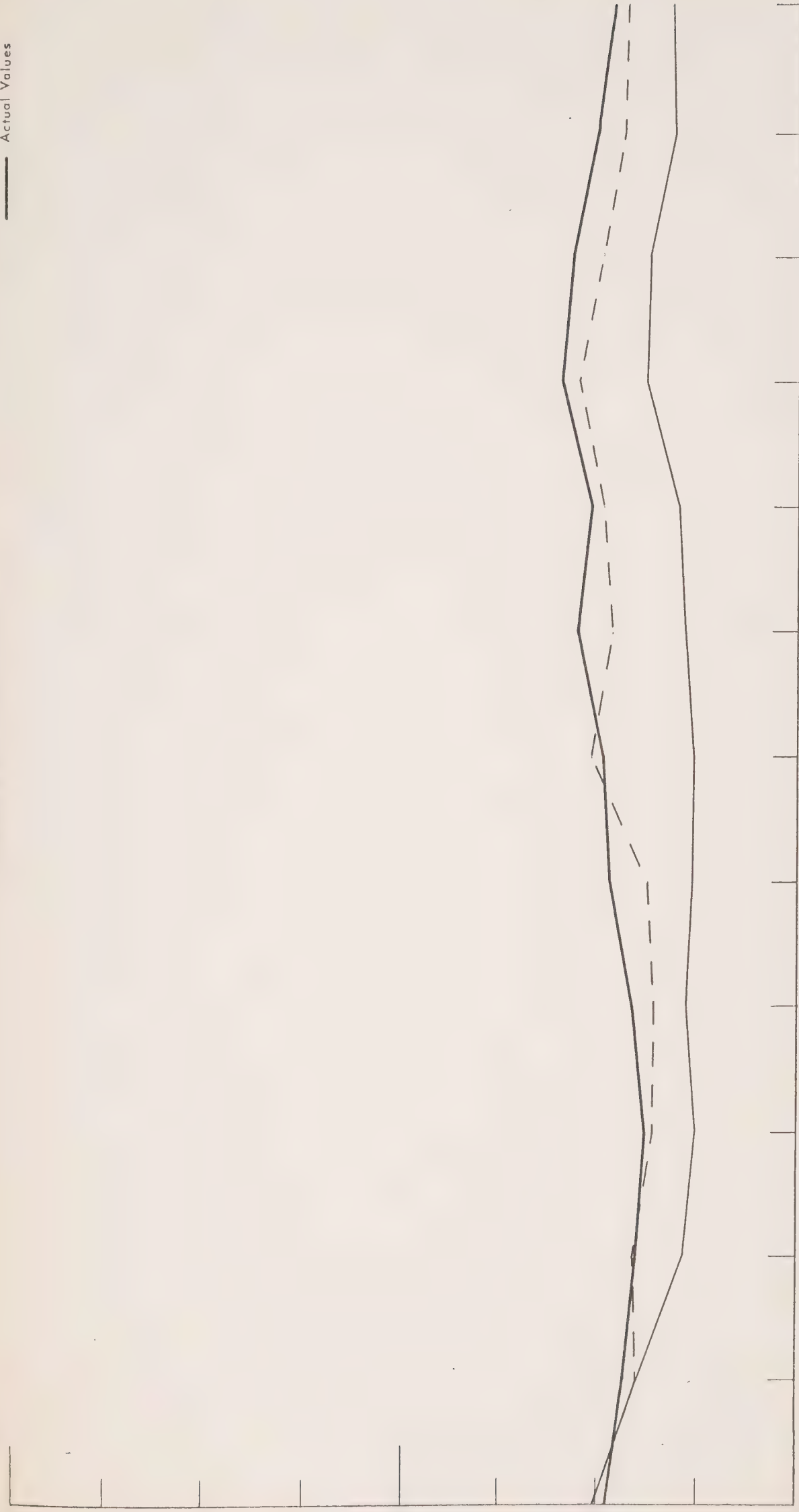
DEC

JAN

FEB

MAR

APR  
1973

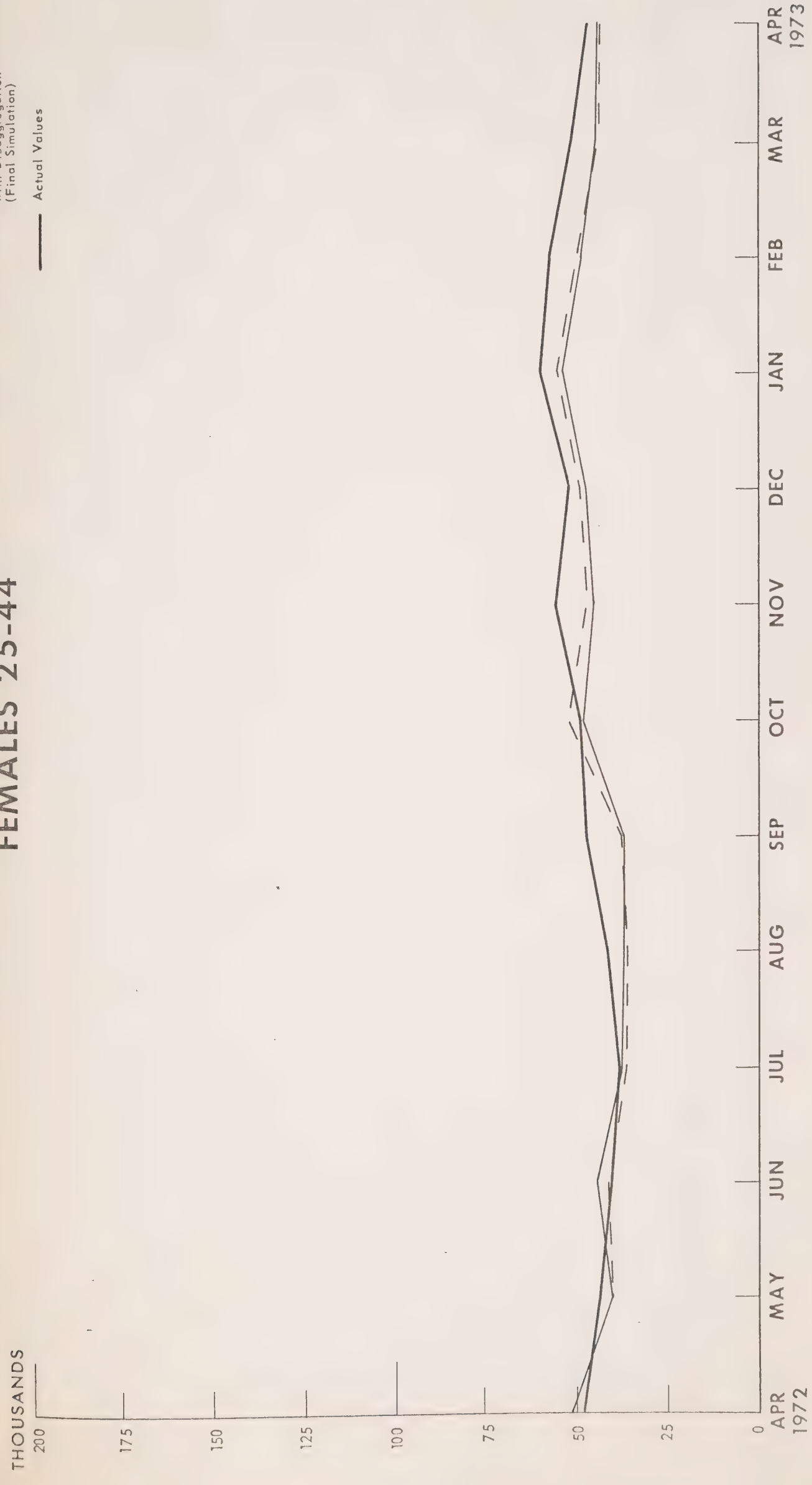






NUMBER OF UNEMPLOYED PERSONS  
FEMALES 25-44

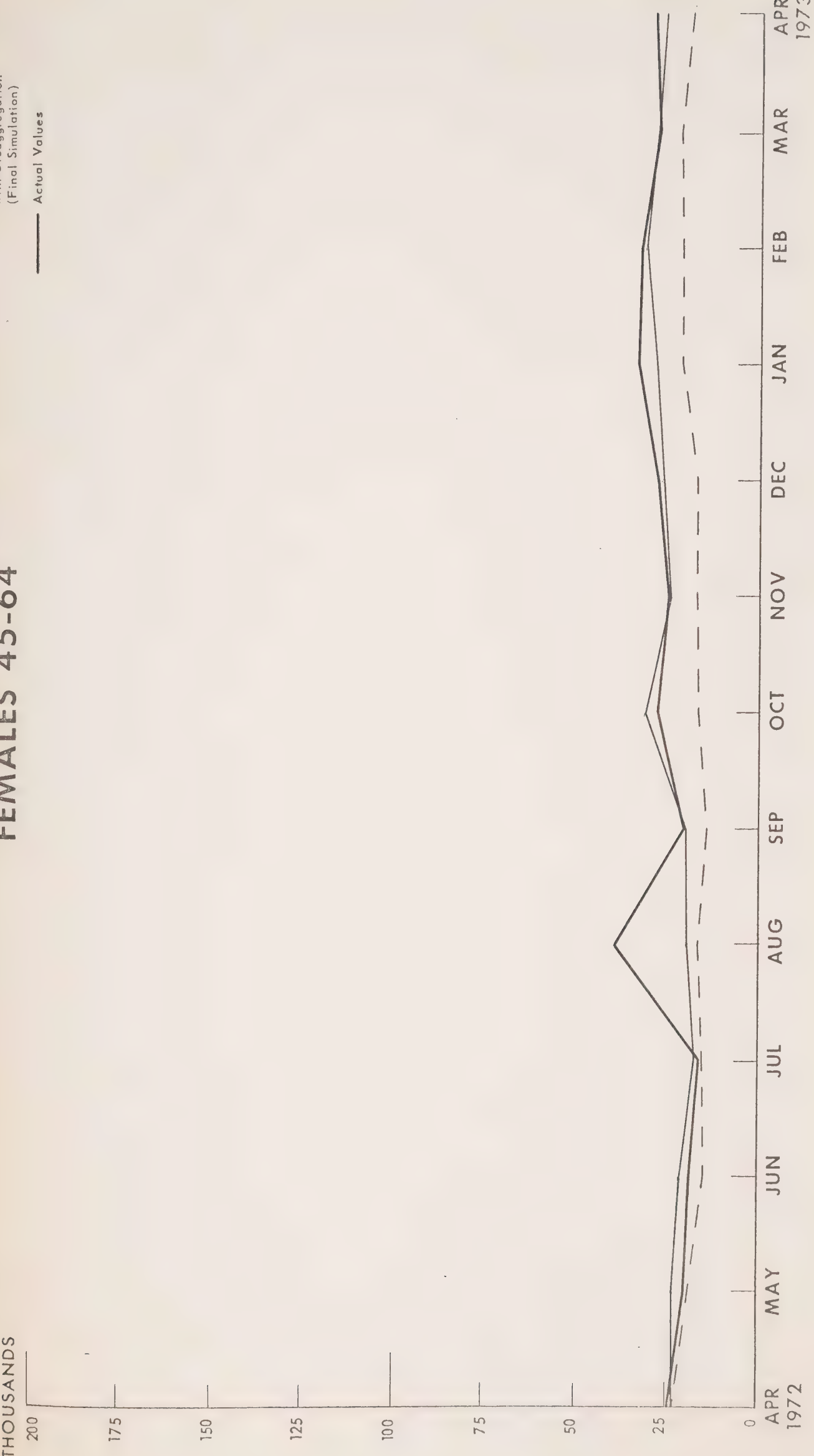
- - - Calibrated Class A adjustment
- Calibrated Class A adjustment with Disaggregation (Final Simulation)
- Actual Values





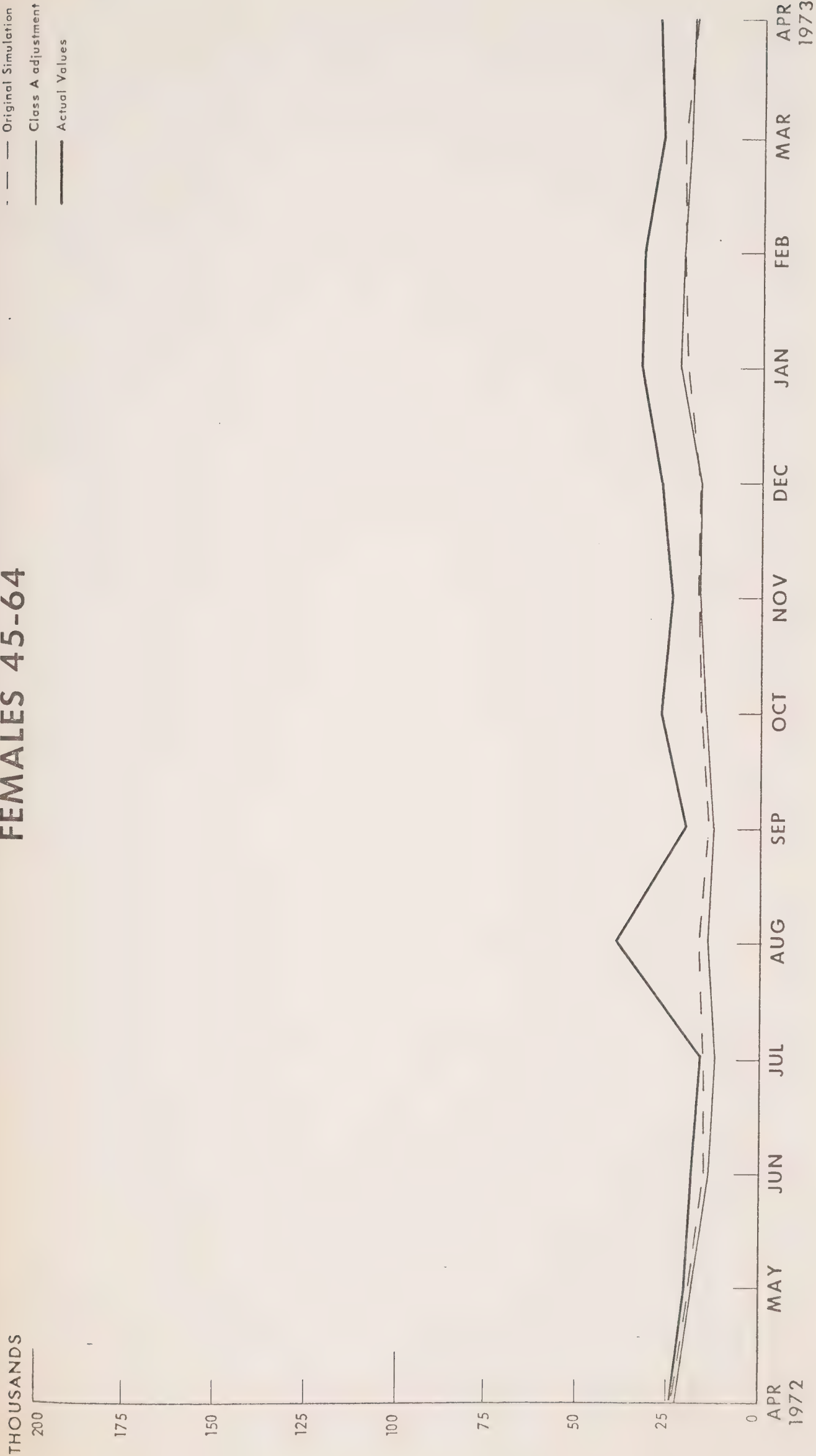
NUMBER OF UNEMPLOYED PERSONS  
FEMALES 45-64

Original Simulation  
Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values



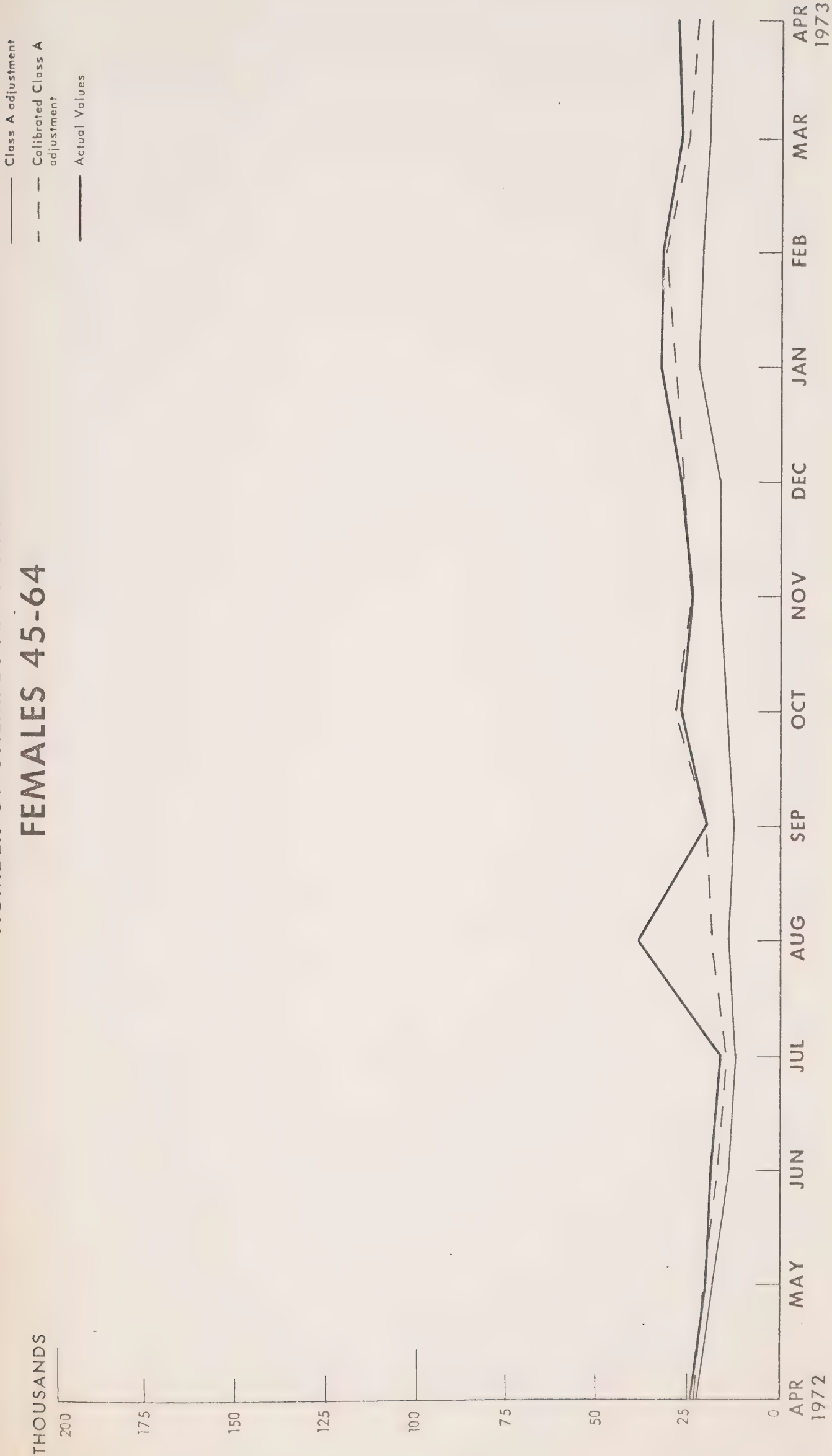


NUMBER OF UNEMPLOYED PERSONS  
FEMALES 45-64





NUMBER OF UNEMPLOYED PERSONS  
FEMALES 45-64







NUMBER OF UNEMPLOYED PERSONS  
FEMALES 45-64

- - - Calibrated Class A adjustment
- Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)
- Actual Values

THOUSANDS

200

175

150

125

100

75

50

25

0

APR 1972

MAY

JUN

JUL

AUG

SEP

OCT

NOV

DEC

JAN

FEB

MAR

APR 1973

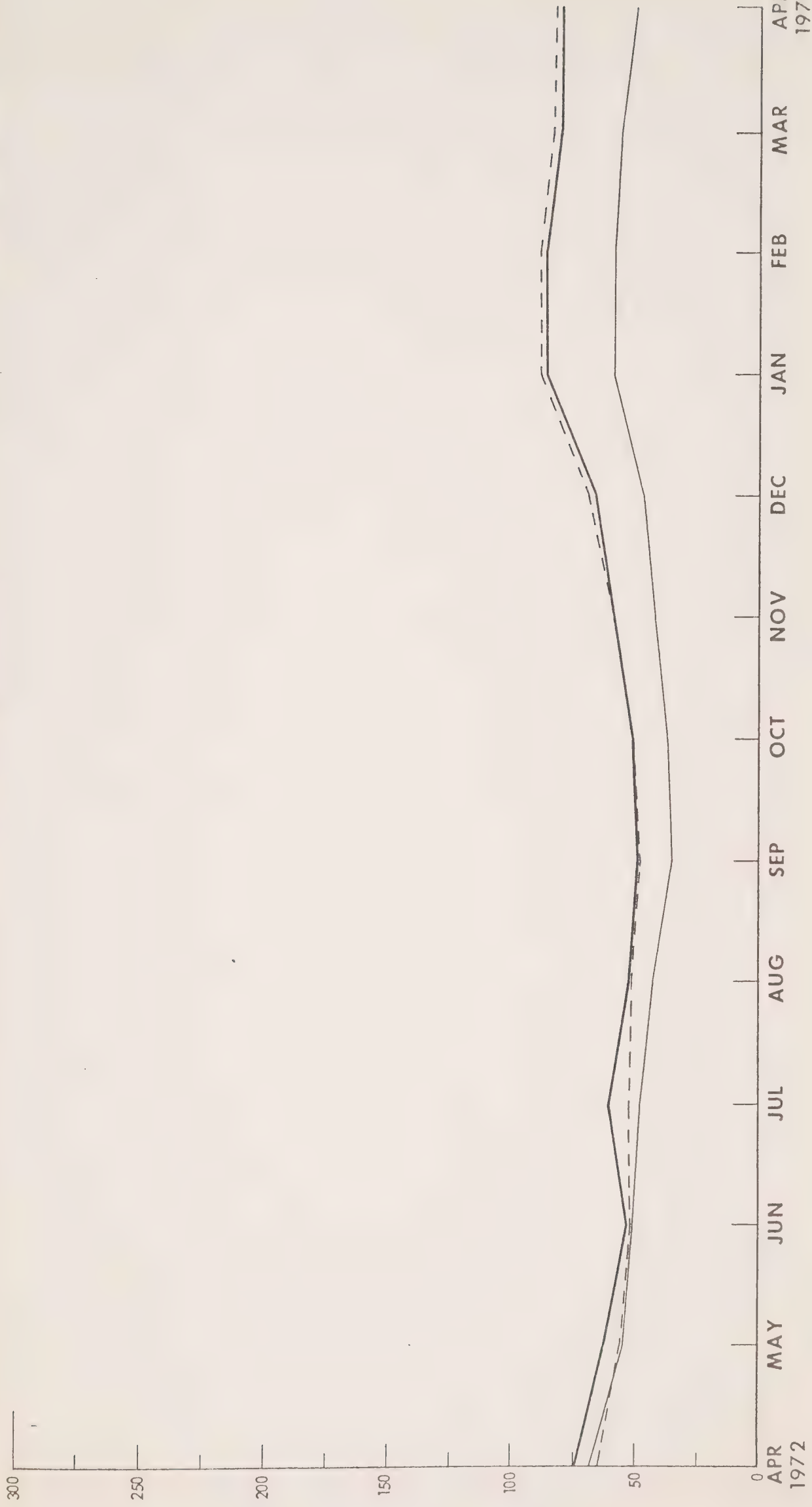




# NUMBER OF UNEMPLOYED PERSONS ATLANTIC REGION

Original Simulation  
Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values

THOUSANDS

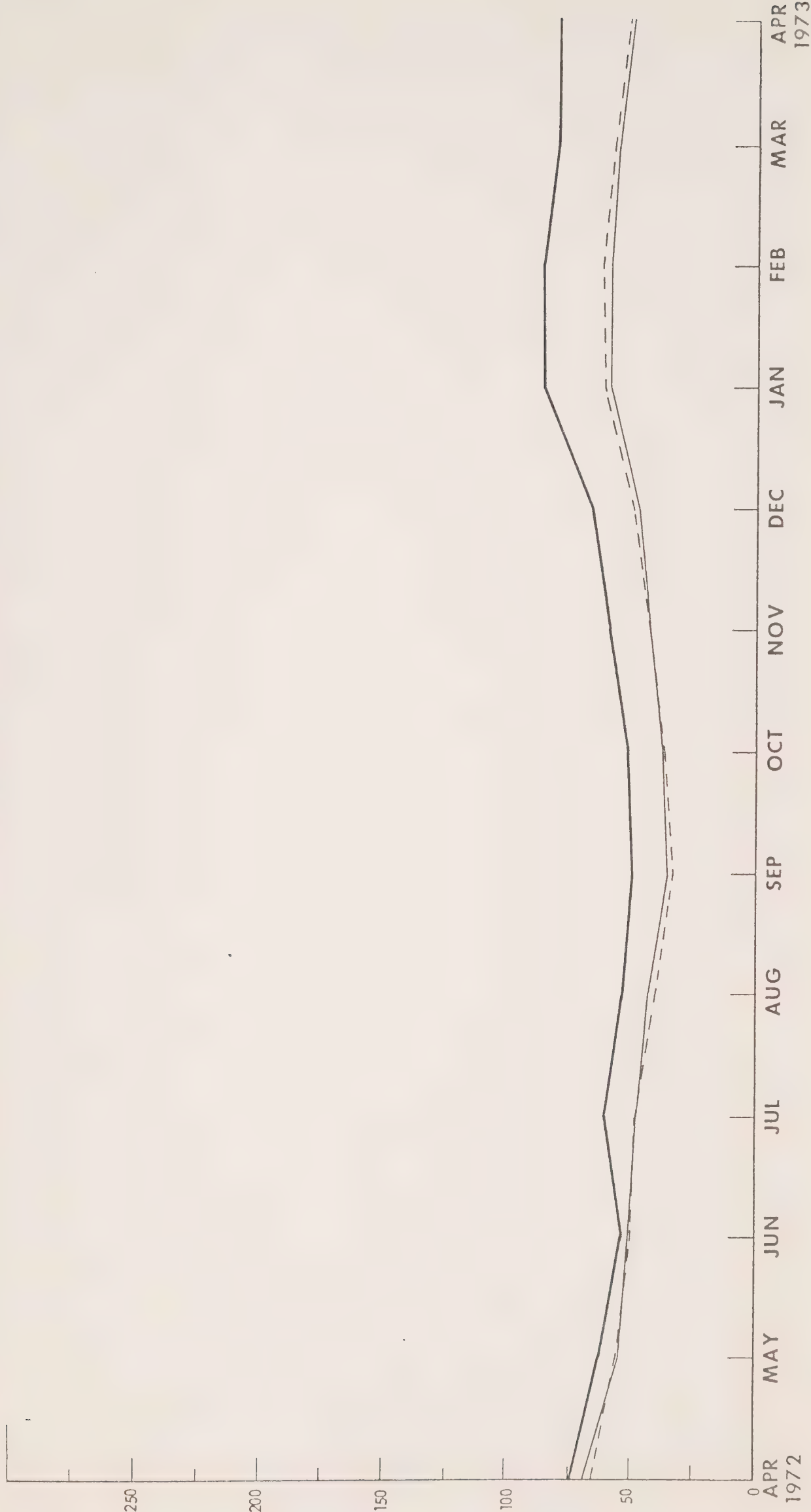




# NUMBER OF UNEMPLOYED PERSONS ATLANTIC REGION

Original Simulation  
Class A adjustment  
Actual Values

THOUSANDS

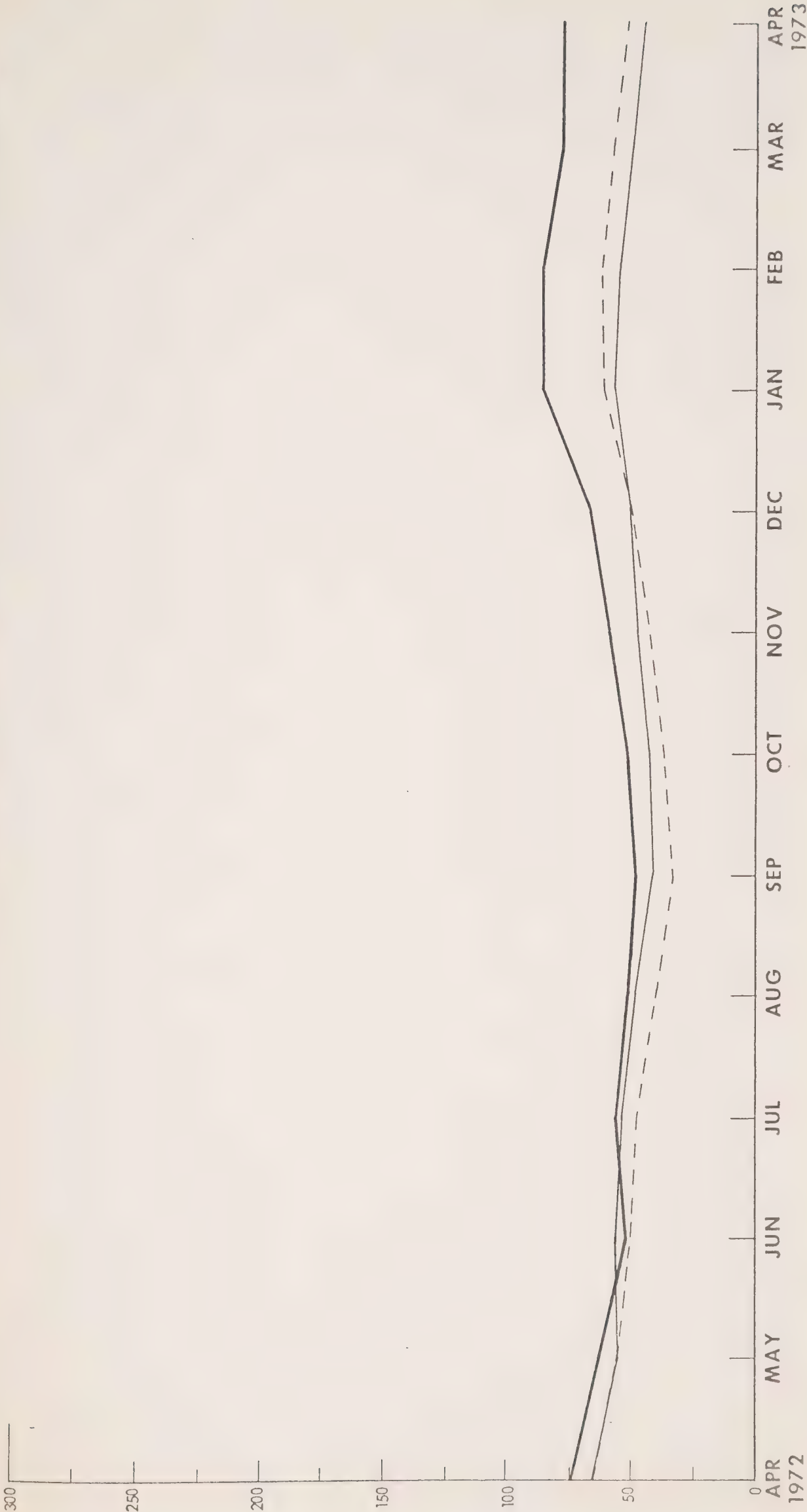




NUMBER OF UNEMPLOYED PERSONS  
ATLANTIC REGION

--- Class A adjustment  
--- Calibrated Class A  
adjustment  
--- Actual Values

THOUSANDS



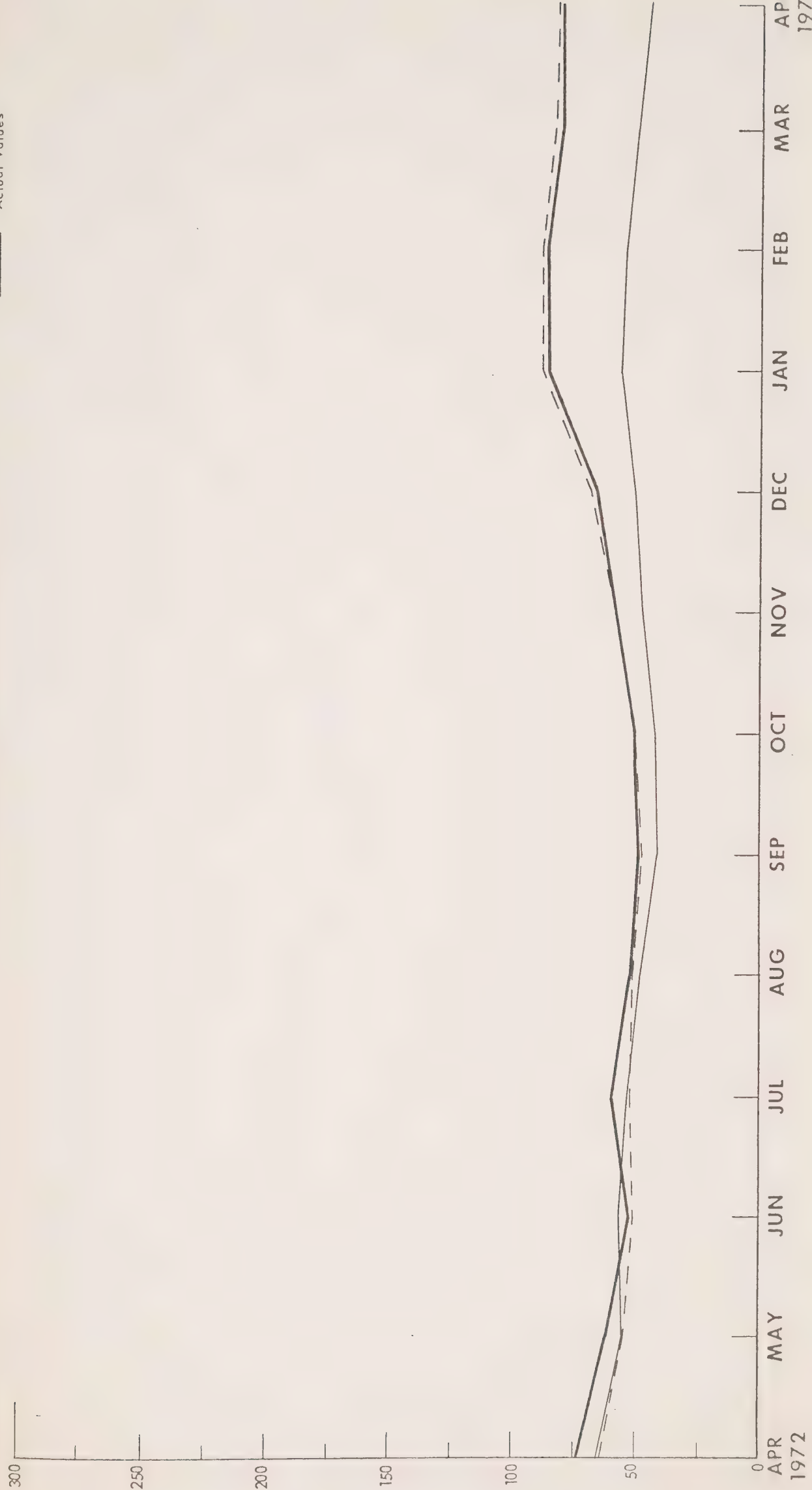




# NUMBER OF UNEMPLOYED PERSONS ATLANTIC REGION

— Calibrated Class A adjustment  
- - - Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
— Actual Values

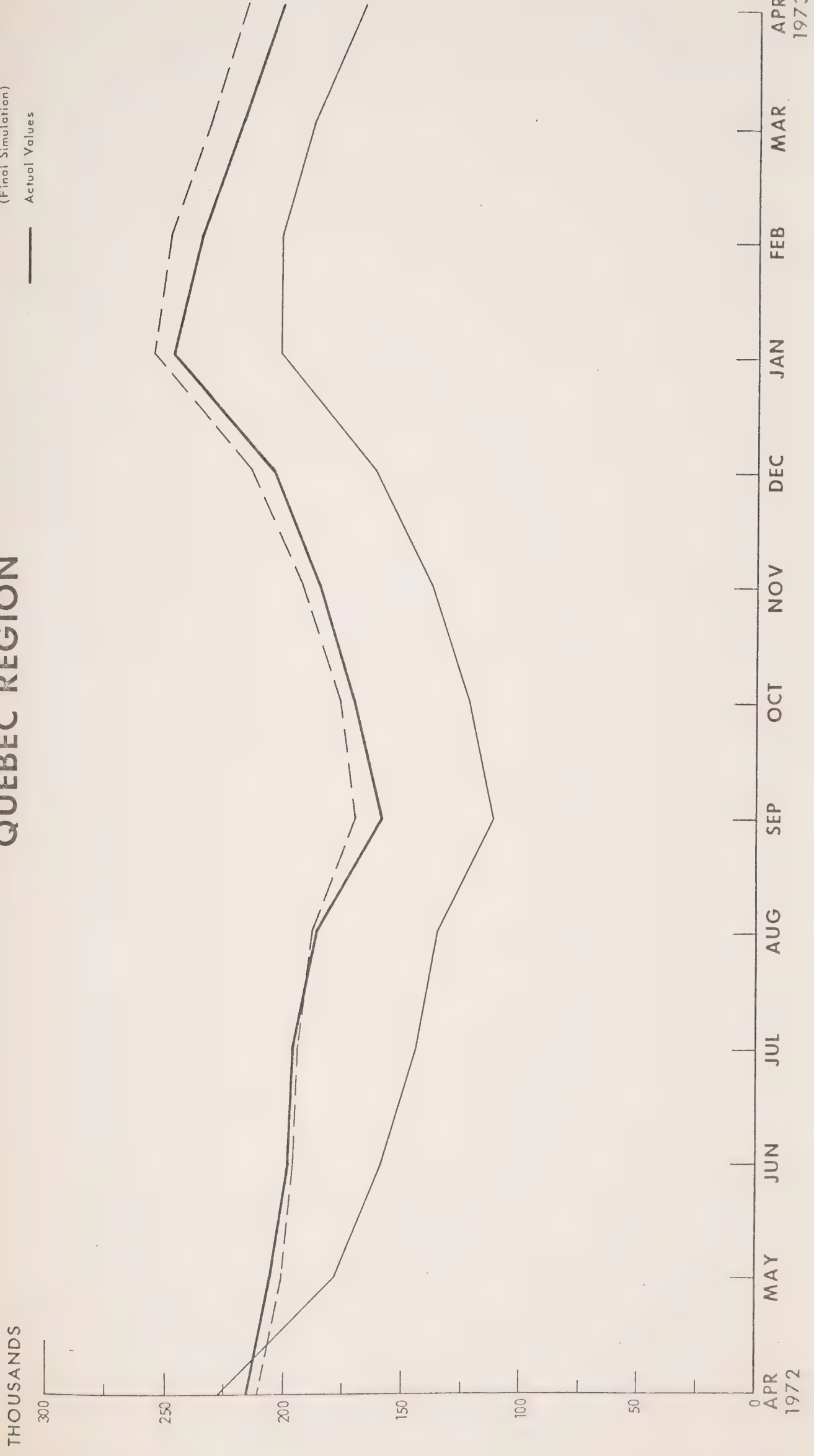
THOUSANDS





# NUMBER OF UNEMPLOYED PERSONS QUEBEC REGION

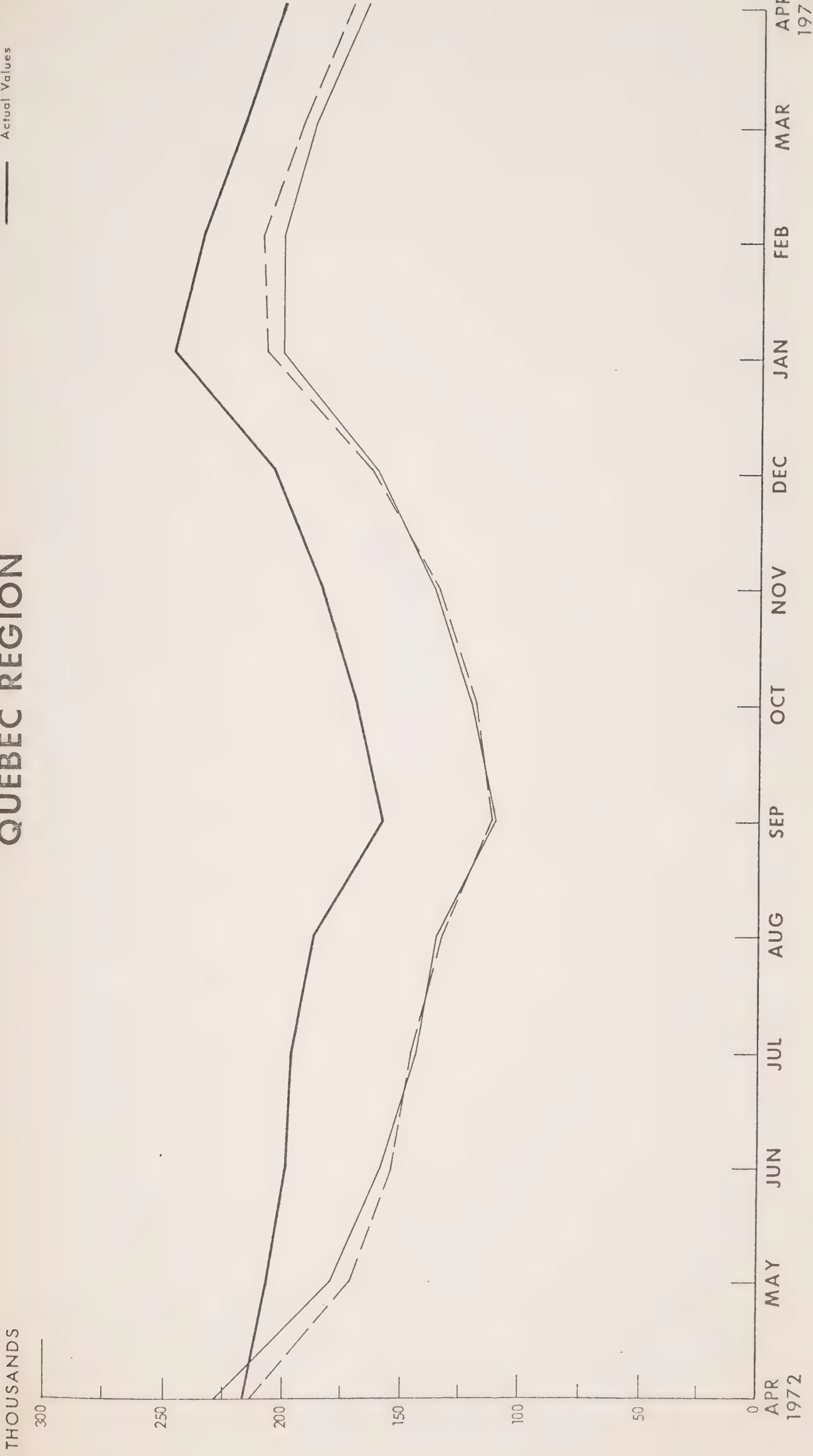
Original Simulation  
Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values





NUMBER OF UNEMPLOYED PERSONS  
QUEBEC REGION

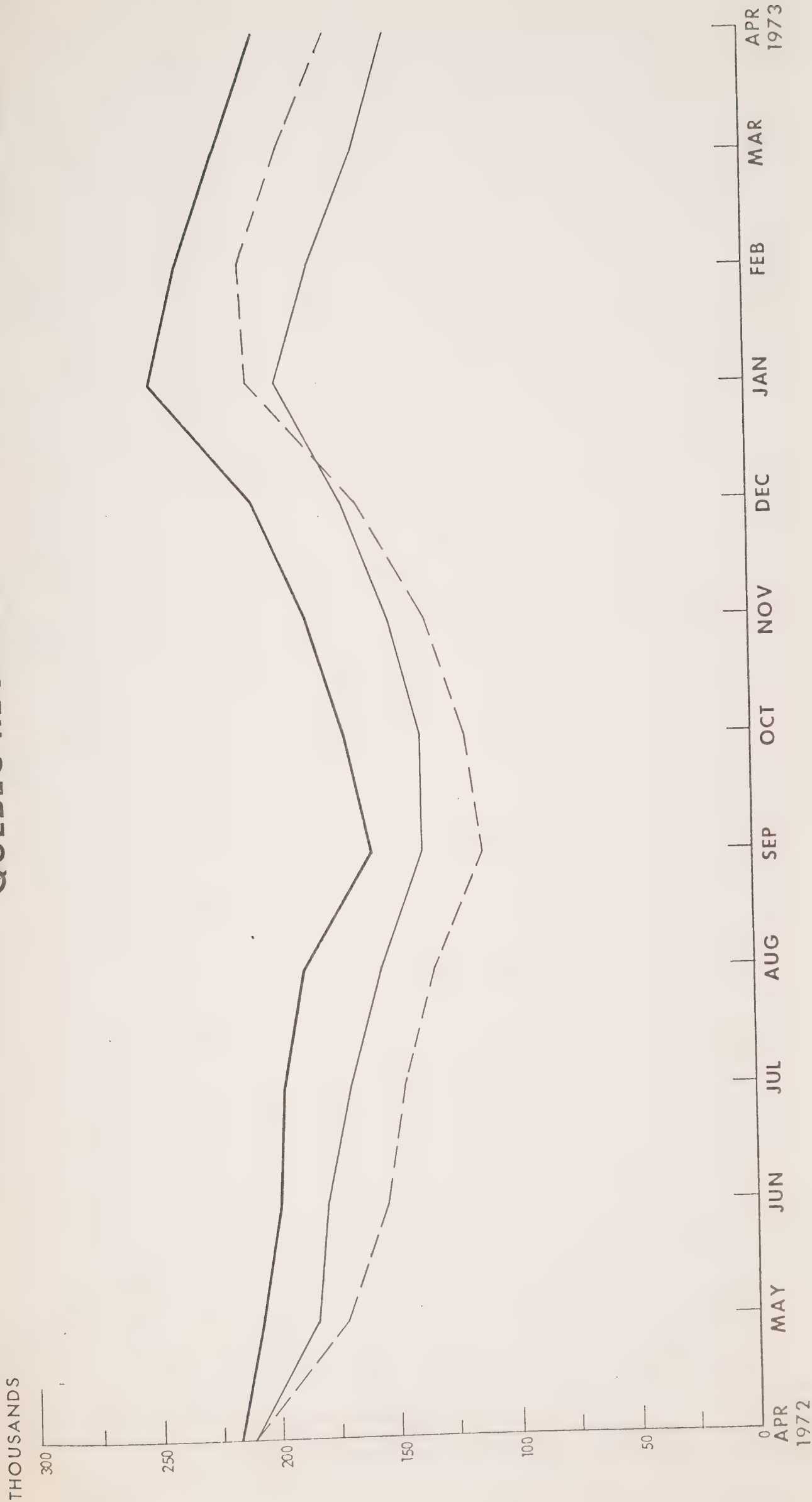
Original Simulation  
Class A adjustment  
Actual Values





# NUMBER OF UNEMPLOYED PERSONS QUEBEC REGION

- - - Class A adjustment  
 — Calibrated Class A adjustment  
 — Actual Values







# NUMBER OF UNEMPLOYED PERSONS QUEBEC REGION

Calibrated Class A adjustment  
Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values

THOUSANDS

300

250

200

150

100

50

0

APR  
1972

MAY

JUN

JUL

AUG

SEP

OCT

NOV

DEC

JAN

FEB

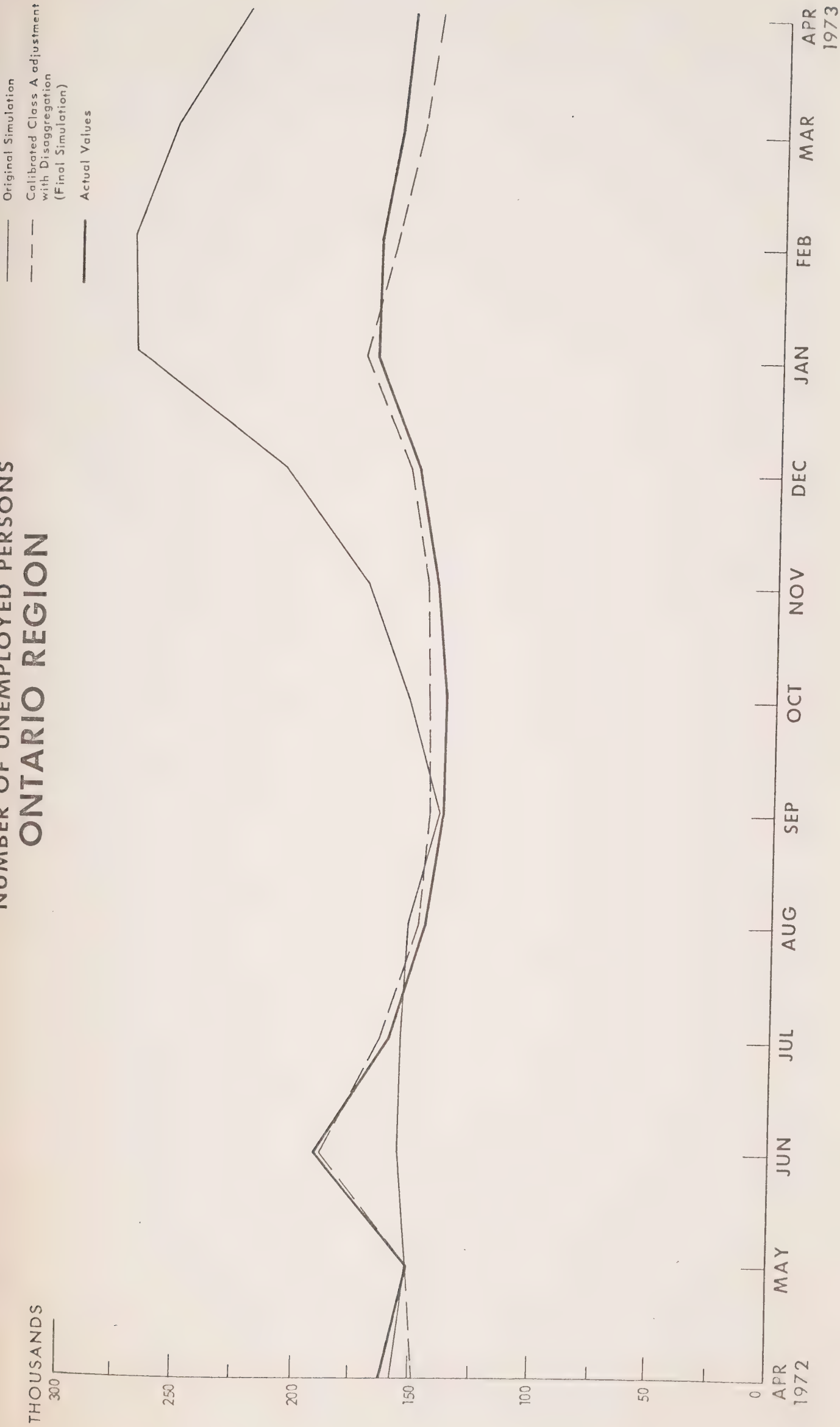
MAR

APR  
1973





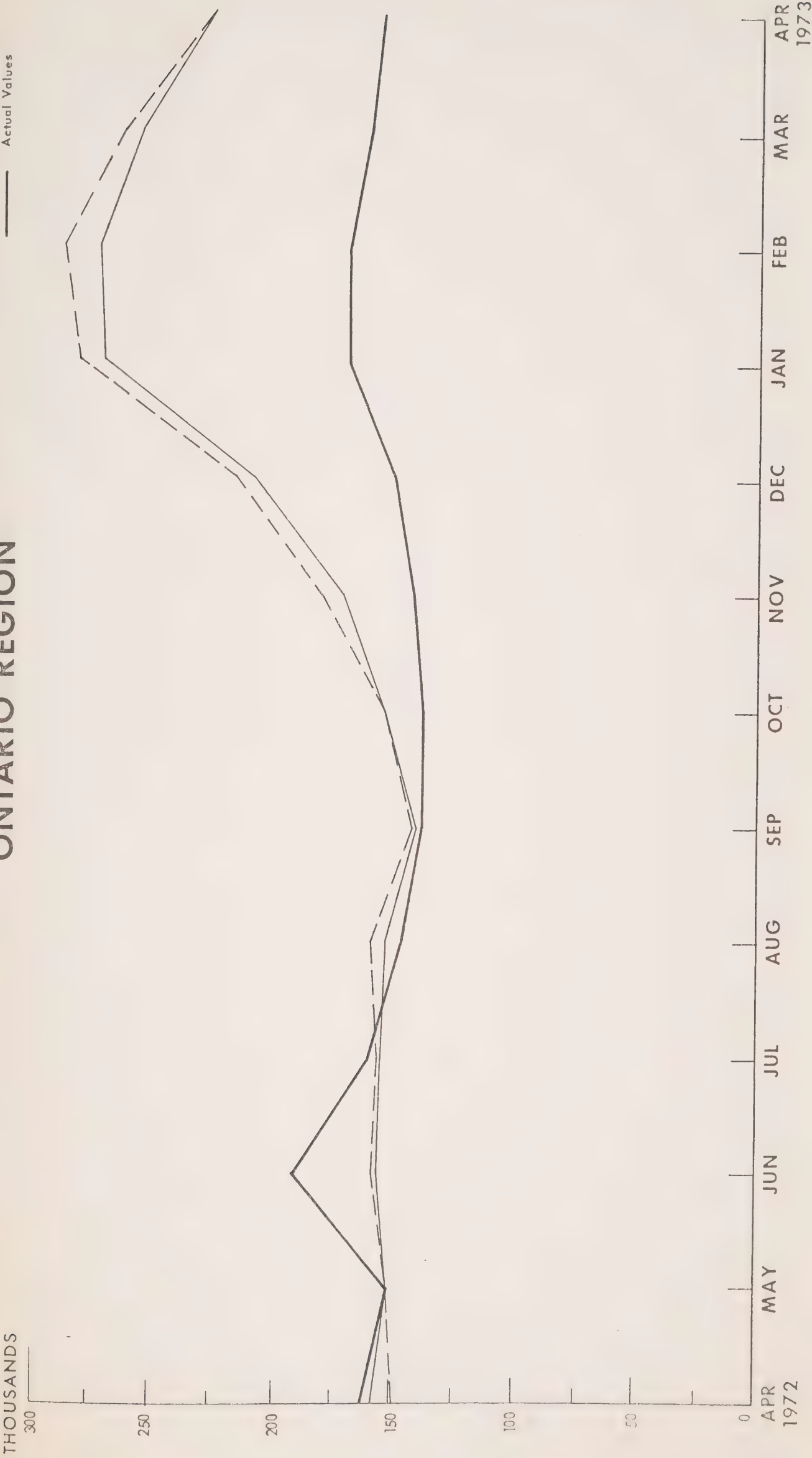
NUMBER OF UNEMPLOYED PERSONS  
ONTARIO REGION





NUMBER OF UNEMPLOYED PERSONS  
ONTARIO REGION

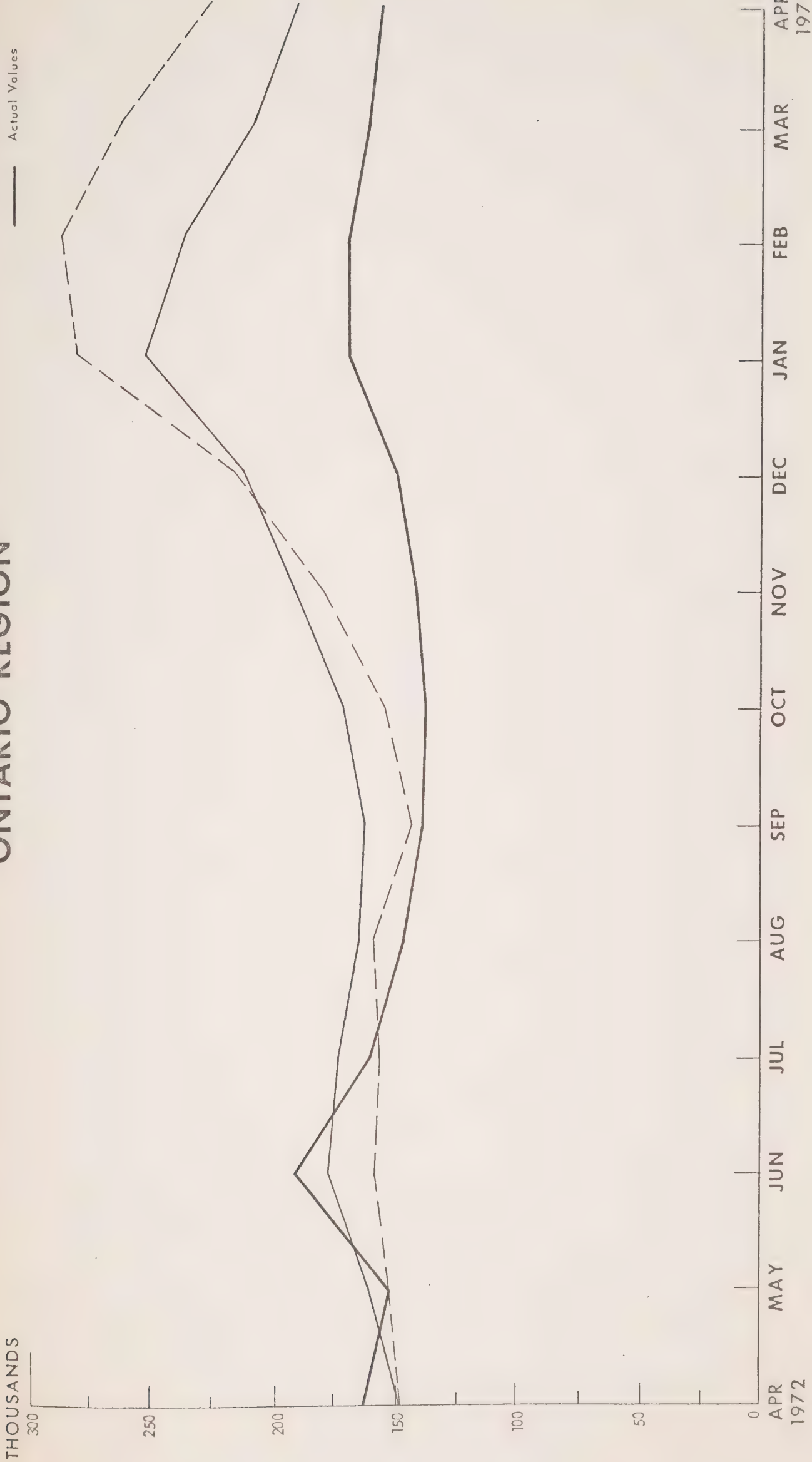
Original Simulation  
Class A adjustment  
Actual Values





NUMBER OF UNEMPLOYED PERSONS  
ONTARIO REGION

--- Class A adjustment  
— Calibrated Class A adjustment  
— Actual Values







# NUMBER OF UNEMPLOYED PERSONS ONTARIO REGION

- Calibrated Class A adjustment
- Calibrated Class A adjustment with Disaggregation (Final Simulation)
- Actual Values

THOUSANDS

300

250

200

150

100

50

0

APR 1972

MAY

JUN

JUL

AUG

SEP

OCT

NOV

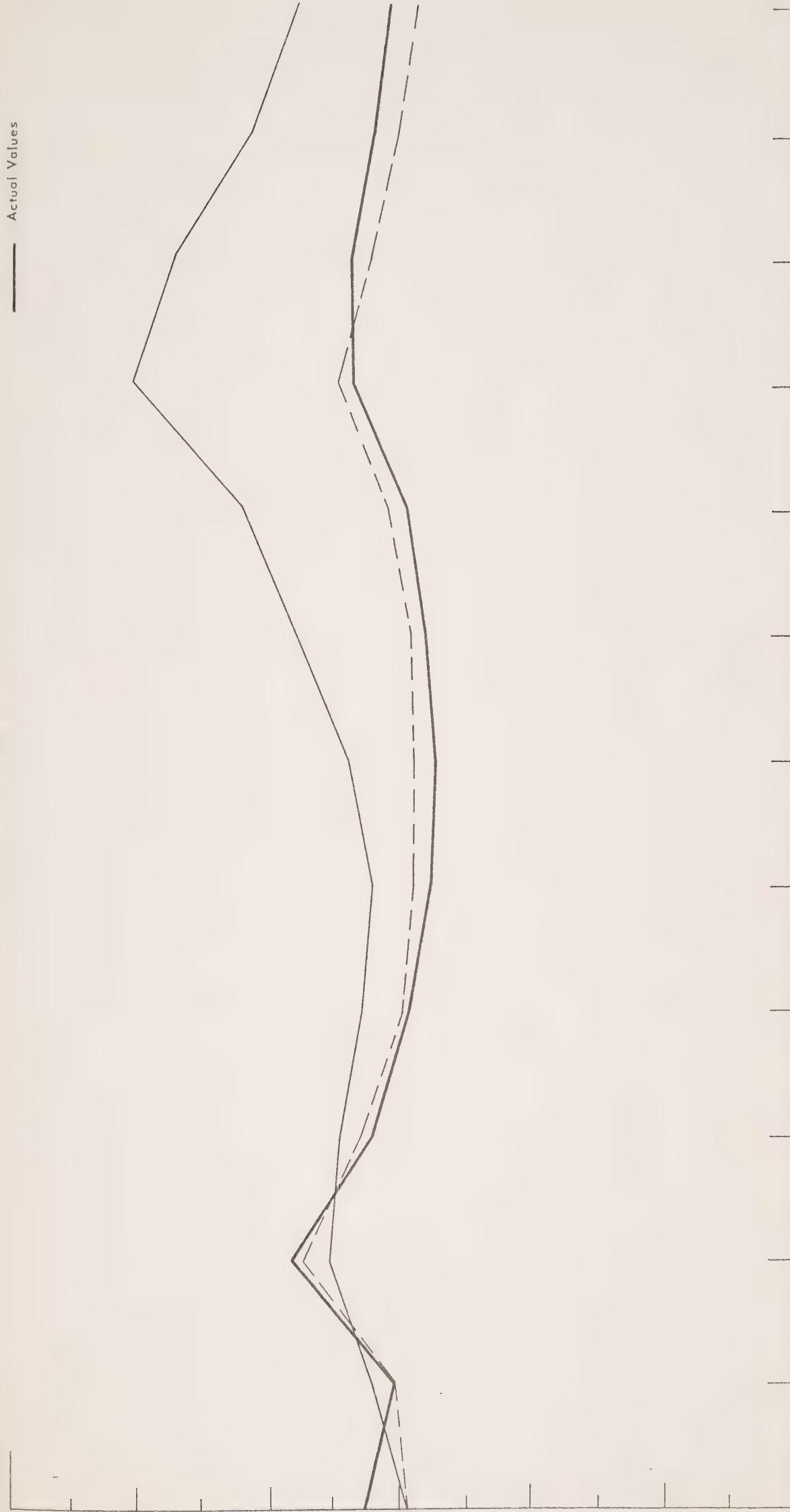
DEC

JAN

FEB

MAR

APR 1973



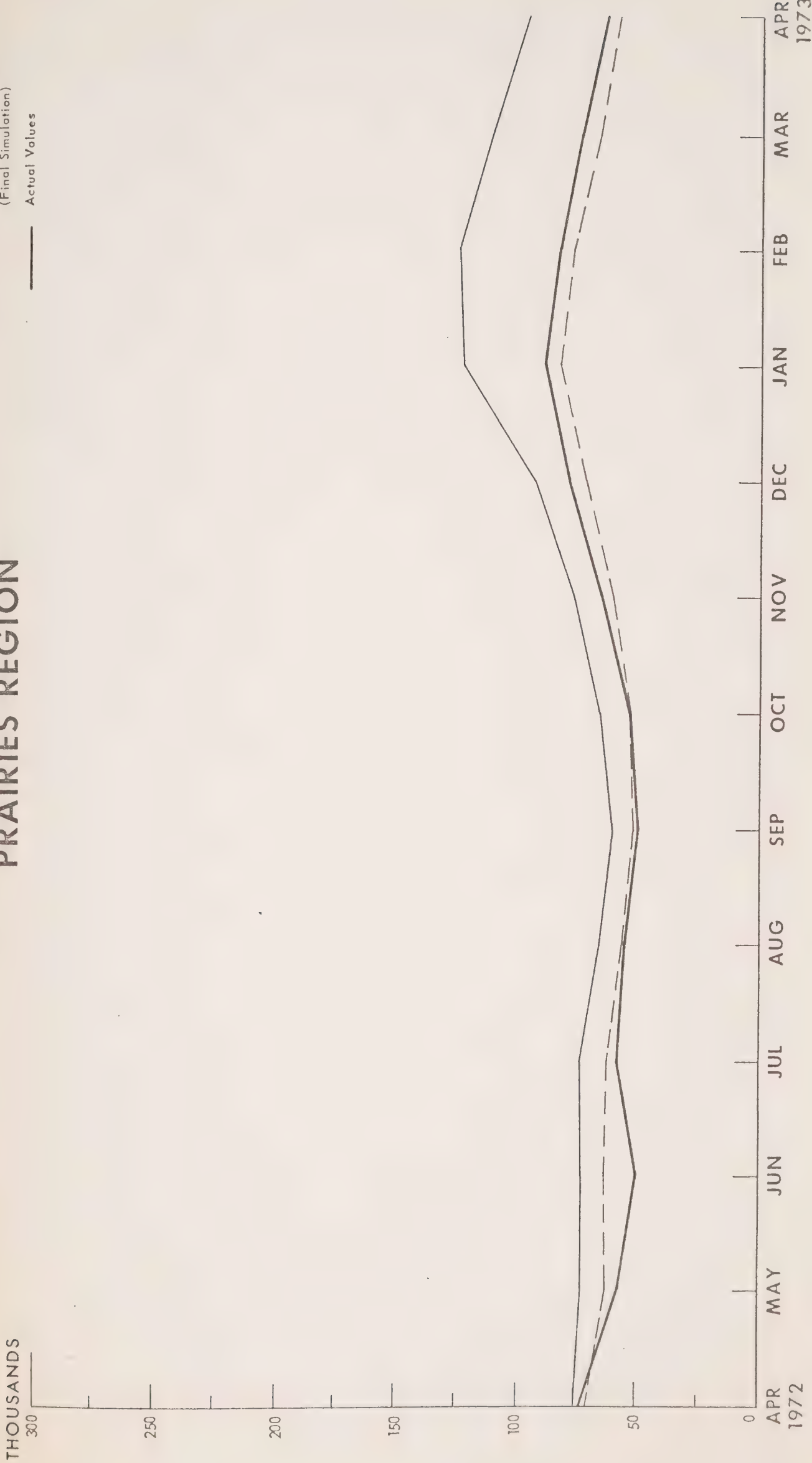


# NUMBER OF UNEMPLOYED PERSONS PRAIRIES REGION

Original Simulation

Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)

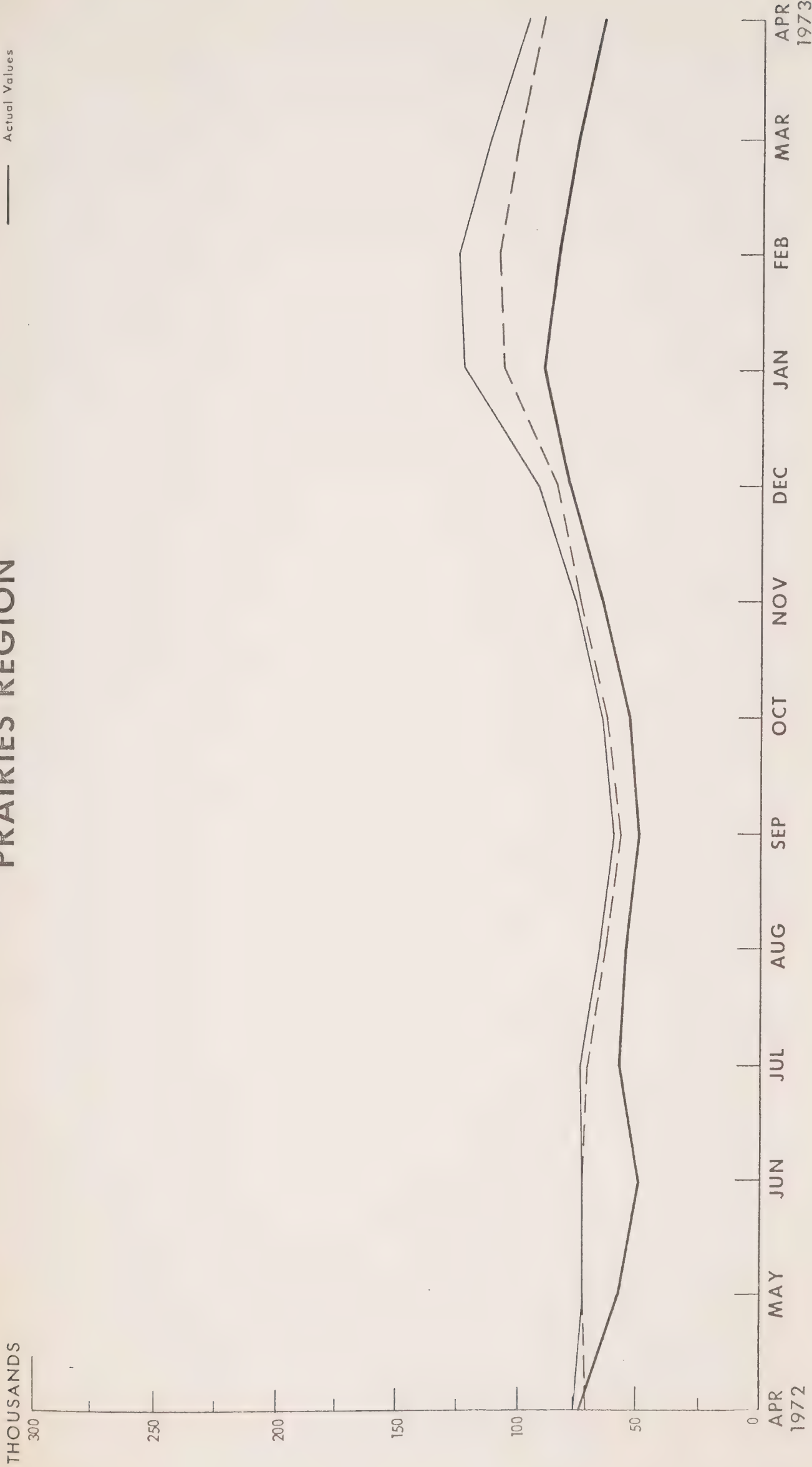
Actual Values





NUMBER OF UNEMPLOYED PERSONS  
PRAIRIES REGION

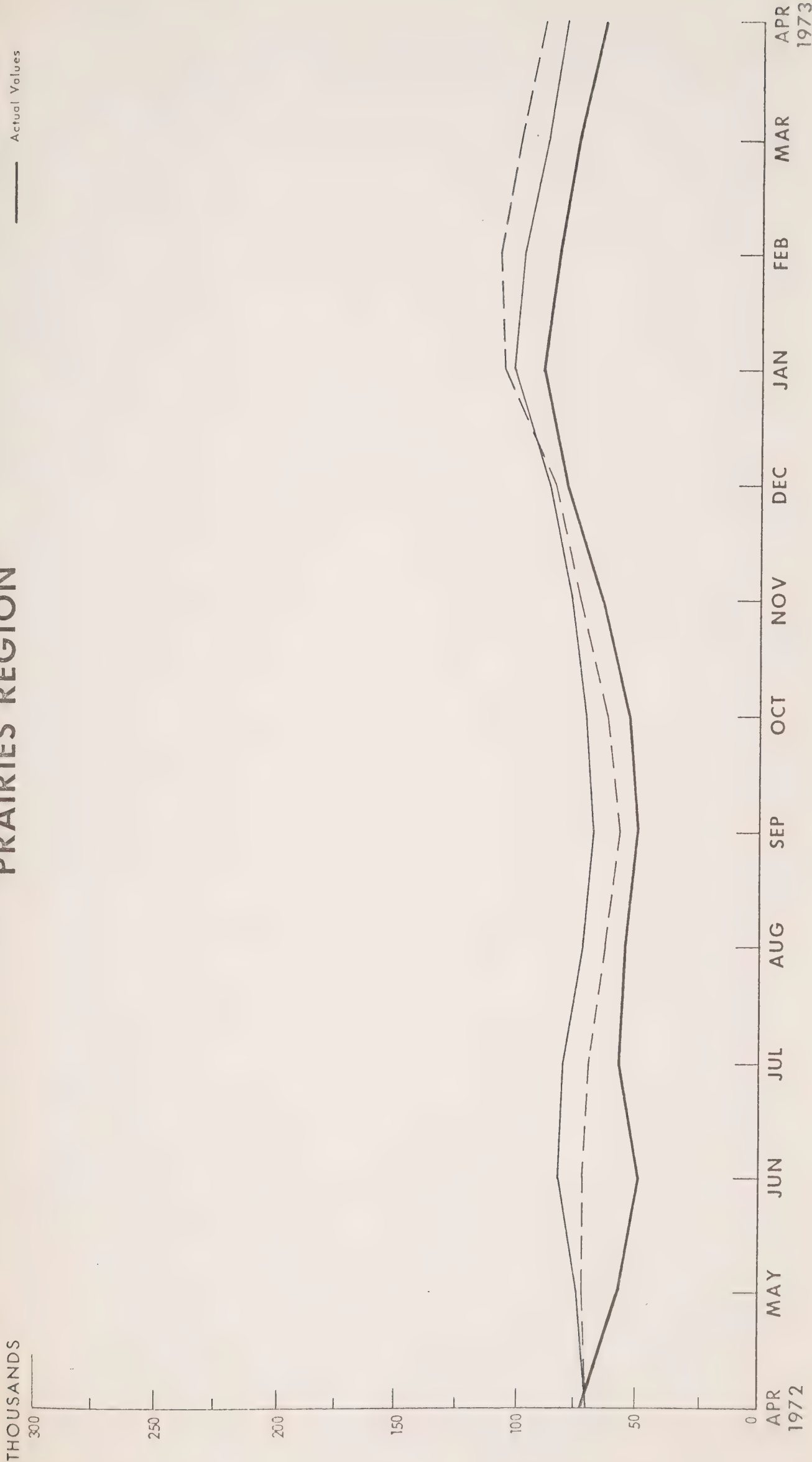
Original Simulation  
Class A adjustment  
Actual Values





NUMBER OF UNEMPLOYED PERSONS  
PRAIRIES REGION

--- Class A adjustment  
--- Calibrated Class A  
adjustment  
--- Actual Values

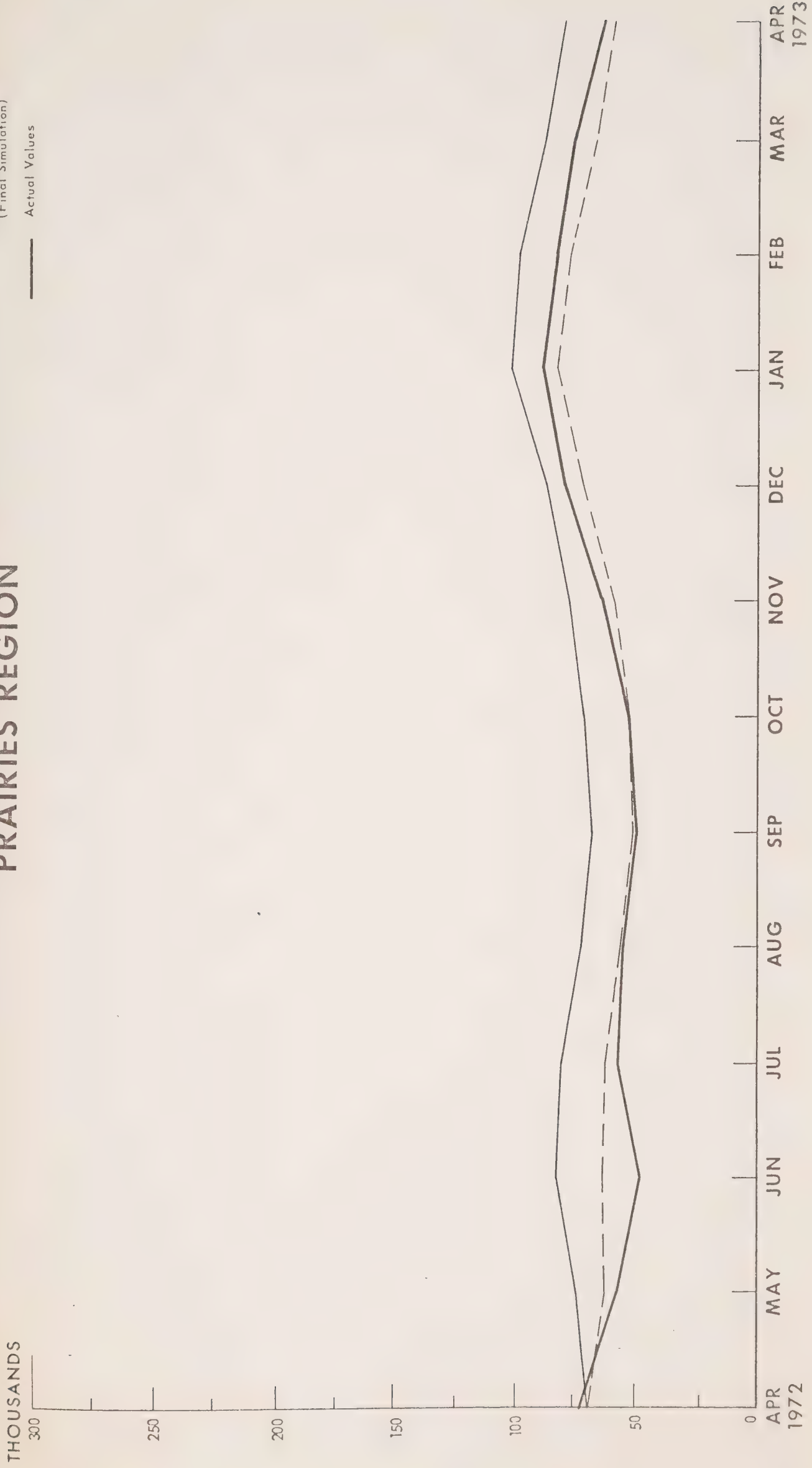






NUMBER OF UNEMPLOYED PERSONS  
PRAIRIES REGION

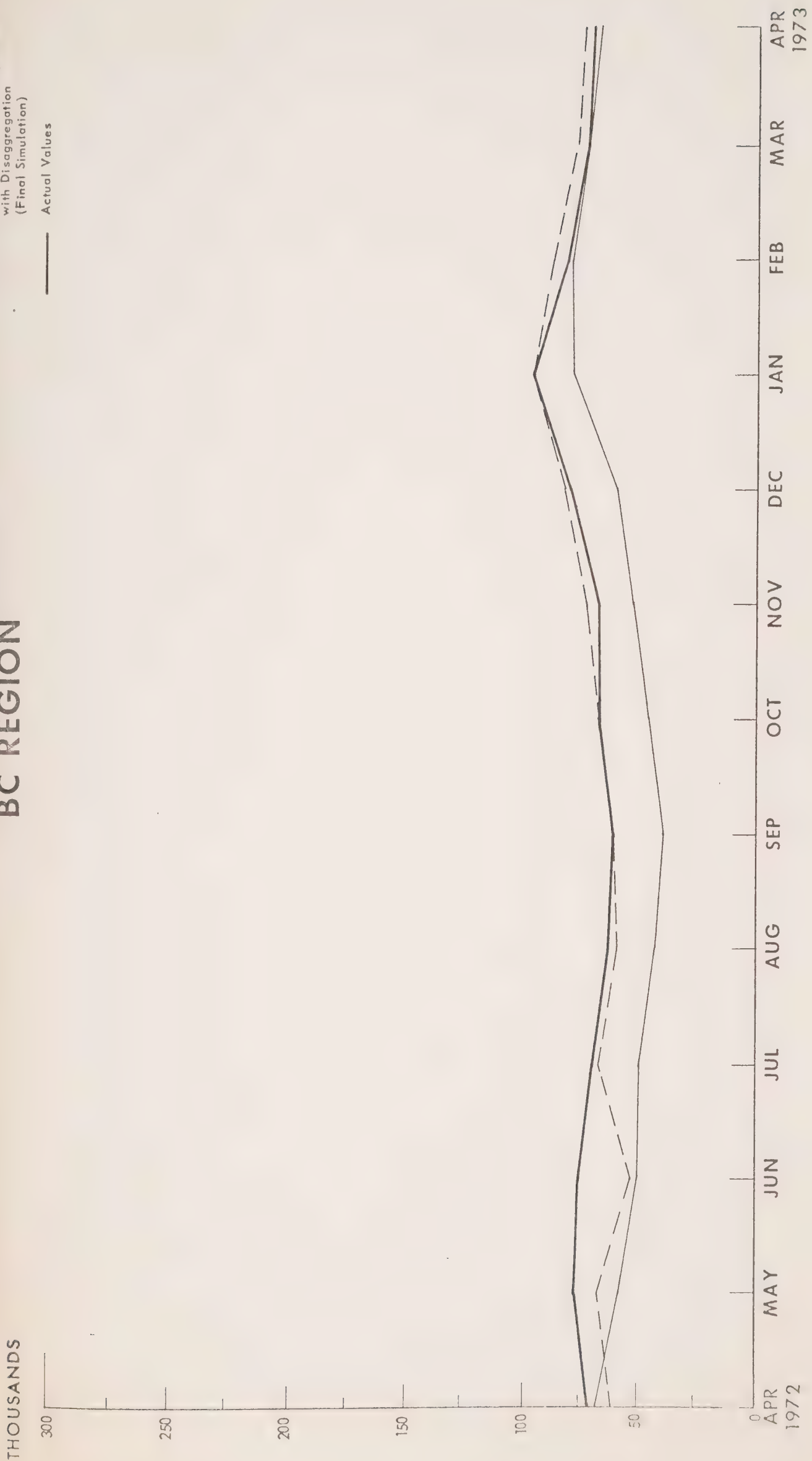
Calibrated Class A adjustment  
Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values





NUMBER OF UNEMPLOYED PERSONS  
BC REGION

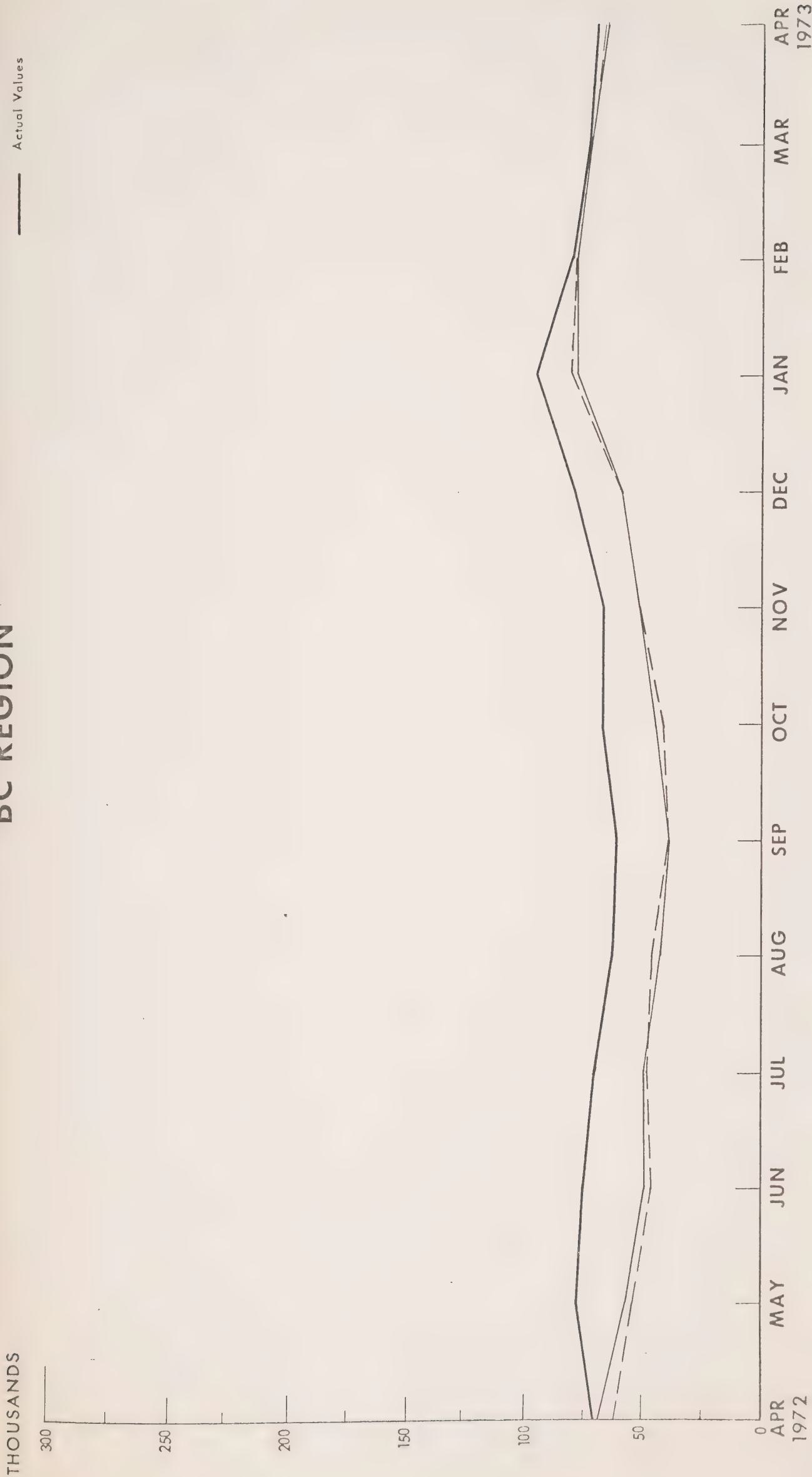
Original Simulation  
Calibrated Class A adjustment  
with Disaggregation  
(Final Simulation)  
Actual Values





NUMBER OF UNEMPLOYED PERSONS  
BC REGION

Original Simulation  
Class A adjustment  
Actual Values

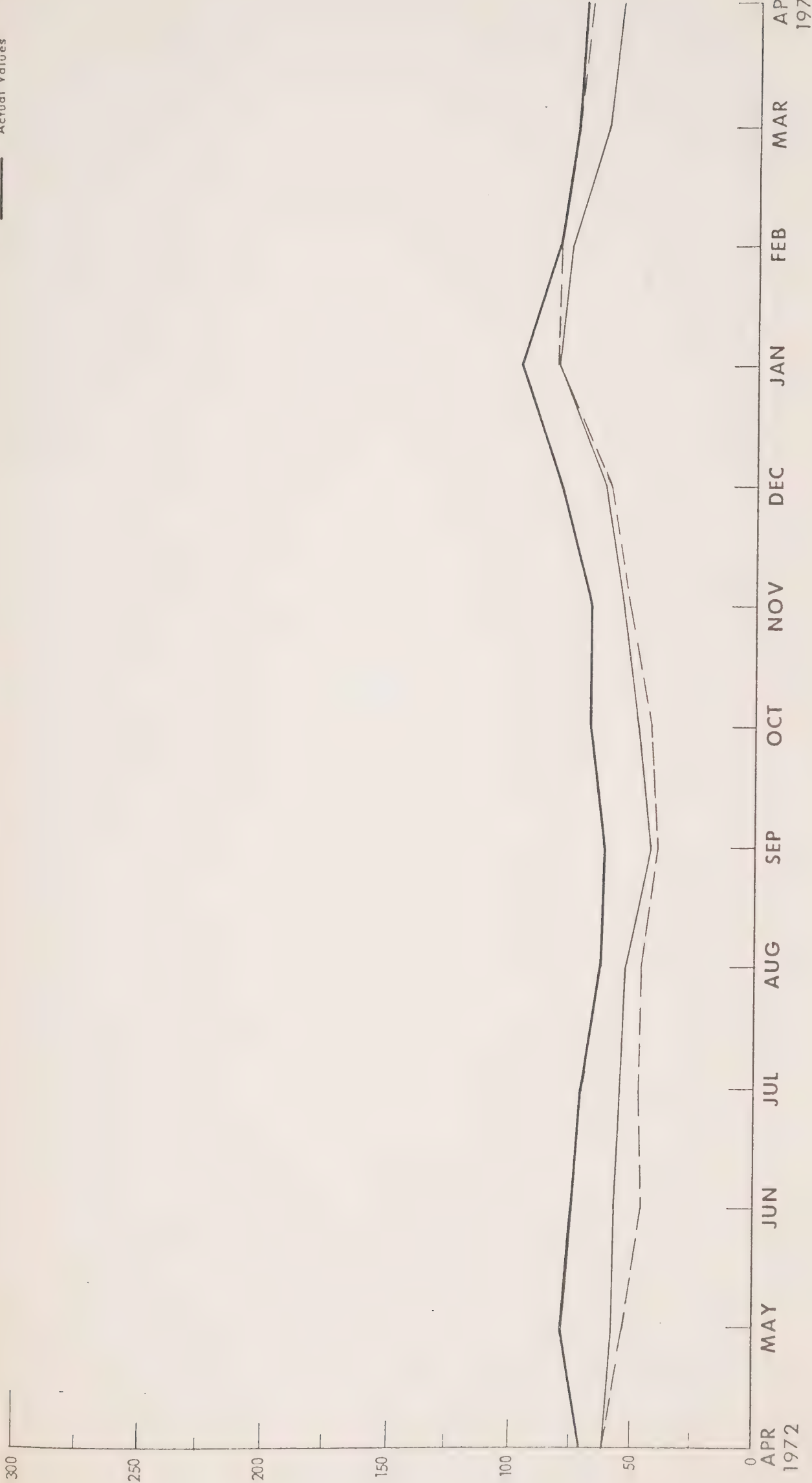




NUMBER OF UNEMPLOYED PERSONS  
BC REGION

--- Class A adjustment  
--- Calibrated Class A  
adjustment  
--- Actual Values

THOUSANDS

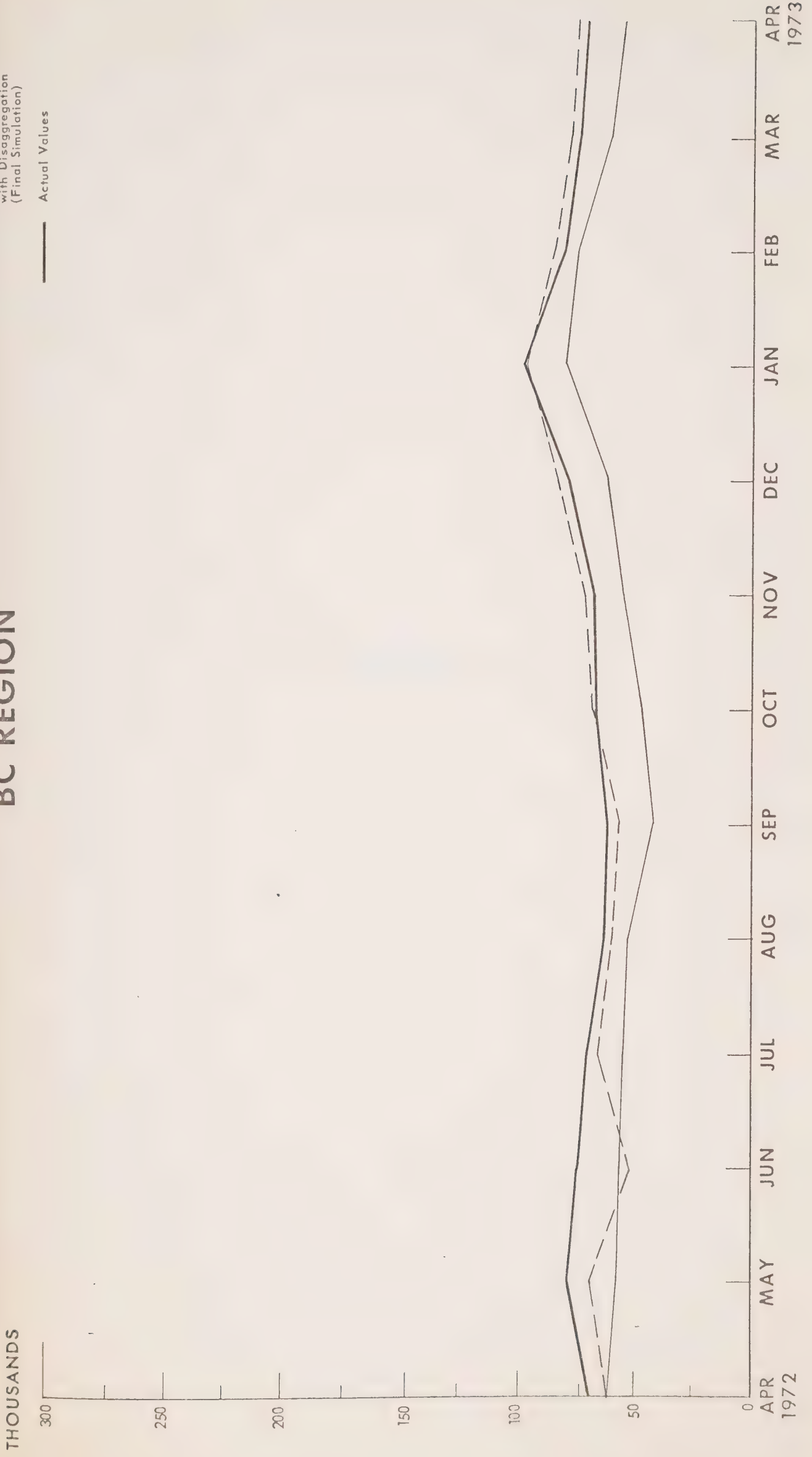






# NUMBER OF UNEMPLOYED PERSONS BC REGION

- Calibrated Class A adjustment
- - Calibrated Class A adjustment with Disaggregation (Final Simulation)
- Actual Values





APPENDIX D.3

COMPUTER PROGRAM ACTIV













1.8371. = 1A(1

1. LK 6275

—

「レ」

14

—







START MAIN PROCLSS TO SELECT WORDS AND SPACE INTO LINES

```

00017  IOT=IOT+1
00018  GO TO 20
00019  LST(J)=1
00020  IOT=0
00021  J=J+1
00022  IC=1
00023  C=IOT+U
00024  LST(J)=C
00025  C--- START MAIN PROCLSS TO SELECT WORDS AND SPACE INTO LINES
00026  IAD=0
00027  IF(J.EQ.2)OR(J.EQ.3)IAD=1
00028  IF(J.EQ.1)IAD=2
00029  ICC=1
00030  IC=1
00031  GO TO LID=1,J
00032  ISUM=0
00033  L=1
00034  IF(L.EQ.0)GO TO 90
00035  DO 100 I=1,L
00036  ISUM=ISUM+LST(I+ICT)
00037  ISP=(14-ISUM-L)/2
00038  I=ICT+L+1
00039  IF(I.EQ.1)GO TO 130
00040  IC=IC+1
00041  DO 80 I=1,L
00042  ICT=ICT+1
00043  NR=NR+1
00044  IF(ICR.GT.15)GO TO 120
00045  IF(NEW(ICC).NE.ALPHA(39))GO TO 130
00046  ICC=ICC+1
00047  GO TO 140
00048  130 DO 150 LL=1,4
00049  IF(NEW(ICC).EQ.ALPHA(LL))GO TO 160
00050  CONTINUE
00051  150 CONTINUE
00052  L=LN-LIN+1
00053  DO 170 II=1,8
00054  LINE(ICR,II,LIN)=ARRY(II,LL)
00055  IC=IC+1
00056  IC=IC+1
00057  CONTINUE
00058  ICR=ICR+1
00059  CONTINUE
00060  90 WRITE(10,180)
00061  180 FORMAT(10)
00062  DO 220 I=1,2
00063  WRITE(10,190) ((LINE(K,J,I).K=1,13),J=1,8)
00064  190 FORMAT(13(15(2X,80))//)
00065  DO 200 I=1,6
00066  J=J+1
00067  GO TO K=1,I
00068  200 K=K+1
00069  IF(I.EQ.6)GO TO 210
00070  210 IF(J.EQ.1)-ARRY(1,39)
00071  RETURN
00072  END

```



```
1 00000010  
2 00000020  
3 00000030  
4 00000031  
5 00000040  
6 00000041  
7 00000050  
8 00000050  
9 00000050  
10 00000050
```













```

SUBROUTINE COUNT2
  DIMENSION K(10)
  COMMON /VECTOR/ LYUN,IT,UNIT,PROVIN,SIZE,DEPNKY,MSTAT,AGE,SEX,
  MAJ,SIN,WKSCHL,WKEMP,WKUNEM,WKNLF,EDUCTN,YRACT,
  APT,IGHT,TYPE,EMPINC,INTRST,DIVDNS,RETIRE,
  OTHER,TOTAL
  INTEGER UNIT,PROVIN,SIZE,DEPNKY,AGE,SEX,WKSCHL,WKEMP,WKUNEM,WKNLF,
  EDUCTN,YRACT,WEIGHT,TYPE,EMPINC,DIVDNS,RETIRE,OTHER,TOTAL
  COMMON /STAT4/KBASE(4,4,4),RBASE(4,4,4),KFINAL(4,4,4),
  1 RFINAL(4,4,4),JFINAL(2,13,3),URATES(3,13)
  IF (COUNT1 .EQ. 1) THEN
    COUN1 = COUNT1 + 1
    PW(1) = WKSCHL
    COUN1 = COUN1 + 1
    KW(2) = WKUNEM
    KW(4) = WKNLF
    KTYPE = TYPE
    IF (KTYPE .GE. 40) KTYPE = KTYPE / 10
    KT = 1
    IF (KTYPE .EQ. 4) KT = 2
    IF (KTYPE .EQ. 5) KT = 3
    IF (KTYPE .EQ. 4) .OR. (KTYPE .EQ. 5) KT = 4
    DO 200 I = 1, 4
      JJ = (KW(I) - 1) / 13 + 1
      KFINAL(I,KT,JJ) = KFINAL(1,KT,JJ) + 1
    CONTINUE
    DO 201 I = 1, 13
      IS = 3
      IF (MACT(I),LG,20) IS = 1
      IF (MACT(I),LG,30) IS = 2
      JFINAL(SEX,I,IS) = JFINAL(SEX,I,IS) + 1
    CONTINUE
    RETURN
  END

```



00001000  
00002000  
00003000  
  
00004000  
00005000  
00006000  
00007000  
00008000  
00009000  
00010000  
00011000  
00012000  
00013000  
00014000  
00015000  
00016000  
00017000  
00018000  
00019000  
00020000

```
      SUBROUTINE JFAL
      COMMON/STATATA/KBASE(4,4,4),KBASE(4,4,4),KFINAL(4,4,4),
1      JFINAL(5,4,4),JFINAL(L,13,3),UPATES(5,13)
      DIMENSION JFINAL
      DO 200 I=1,4
      DO 200 J=1,13
      SUM=JFAL(1,J,1)+JFINAL(1,J,2)
      UPATES(I,J)=0
      IF(DENOM(I,Q,0.) GO TO 200
      NUM=JFINAL(1,J,2)
      UPATES(1,J)= NUM/DENOM
      CONTINUE
      DO 201 J=1,25
      DENOM=JFINAL(1,J,1)+JFINAL(2,J,1)+JFINAL(1,J,2)+JFINAL(2,J,2)
      UPATES(5,J)=0
      IF(DENOM EQ 0.) GO TO 201
      NUM=JFINAL(1,J,2)+JFINAL(2,J,2)
      UPATES(5,J)=NUM/DENOM
      CONTINUE
      RETURN
      END
```

200

201













1950 CALENDAR MONTH FROM WHICH A TRANSITION IS TO  
OCCUR. NORMALLY THIS IS APRIL AND I=MONTH=4.  
I= TOTAL NUMBER OF MONTHS TO THE SIMULATION.  
I=1 TO 12. IF I=1, THE INPUT MONTH IS APRIL  
PLUS ONE INPUT MONTH. IF THE INPUT MONTH IS APRIL  
1972 AND THE SIMULATION IS TO PROCEED UP TO AND  
INCLUDING APRIL 1973, MONTH WILL BE 13.  
URAT(I,J) THE MONTHLY ADJUSTED UNEMPLOYMENT RATES IN EACH OF THE  
MONTHS BEING SIMULATED. THESE ARE INPUT AS PERCENT  
I=1 IF THE RATE OF MONTH 1 IS 6% URAT(1)=6.0  
C(I,J) THE REGRESSION COEFFICIENTS FOR CALCULATION OF THE  
MONTHLY UNADJUSTED UNEMPLOYMENT RATES.  
I=1,...,12 REFERS TO THE CALENDAR MONTH.  
J=1 COEFFICIENT OF ADJUSTED U. RATE TERM.  
J=2,...,4 COEFFICIENT OF TIME TREND TERM.  
J=5 CONSTANT TERM.  
CONTINUE  
A(I,J,K,L,M) REGRESSION COEFFICIENTS FOR CALCULATING TRANSITION  
PROBABILITIES  
J=1 TO 12 (F,U,NLP)  
K=1 TO 9 AGE GROUPS  
L=SEX, 1=MALE, 2=FEMALE  
M=THE COEFFICIENT INDICATOR  
M=1 CONSTANT TERM  
M=2-12 MONTHLY DUMMY VARIABLES (2=JAN., 12=NOV)  
M=13 UBAR COEFFICIENT  
M=14 DELU COEFFICIENT  
F(I,J,K,L,M) THIS IS THE SET OF CUMULATIVE PROBABILITIES THAT  
OCCUR IN THE TRANSITIONS  
I=1 IF MARRIED 2 IF NOT MARRIED  
J=1 IF MALE 2 IF FEMALE  
K=1 IF AGE=14 6 19  
4 15 7 20-24  
3 16 8 25-29  
4 17 9 30-34  
5 18 10 35-39  
L IS THE INPUT EDUCATION STATE (1 TO 18, SEE IEDIN)  
M IS THE OUTPUT EDUCATION STATE (1 TO 18, SEE IEDIN)  
RYE THE FIRST YEAR TO BE SIMULATED (IE, 1971,...)  
CONTINUE  
A(I,J) THESE ARE THE PARAMETERS THAT ADJUST THE LABOUR FORCE  
TRANSITION PROBABILITIES TO ACCOUNT FOR THE CLASS A  
CLASS B DISTINCTION.  
I=1 FOR TOTAL EMPLOYED/CLASS B EMPLOYED.  
I=2 FOR CLASS A EMPLOYED/CLASS B EMPLOYED.



6=35-44  
7=45-54  
8=55-64  
9=65+

DAU(1.7.4)

1 - MARITAL STATUS  
= 3 NOT MARRIED  
- 2 MARRIED  
JEREGION

4 = F. F. ARLIS  
F. F. C.

	MALES	FEMALES
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

111 (I, J, L)

[illegible]

1. NAME THE USUAL 2. ACTIVITY STATES:

[illegible]





```

C010      C010R7=PELLEN/DAADJ(2,5,12)
C011      I=1 (IC=1,100) IM=17P,800NTH
C012      I=1 A1(12,2,13)
C013      I=1 A1(10,101) (URATE(I),I=1,NMONTH)
C014      I=1 A1(10(F4,1,2X))
C015      I=1 A1(1AP,10) ((C(I,J),J=1,5),I=1,12)
C016      I=1 A1(10,10)
C017      I=1 A1(1AP,10) (((A(I,J,K,L,M),J=1,5),I=1,3),M=1,14),
          K=1,9),L=1,2)
C018      I=1
C019      I=1
C020      I=1
C021      I=1
C022      I=1
C023      I=1
C024      I=1
C025      I=1
C026      I=1
C027      I=1
C028      I=1
C029      I=1
C030      I=1
C031      I=1
C032      I=1
C033      I=1
C034      I=1
C035      I=1
C036      I=1
C037      I=1
C038      I=1
C039      I=1
C040      I=1
C041      I=1
C042      I=1
C043      I=1
C044      I=1
C045      I=1
C046      I=1
C047      I=1
C048      I=1
C049      I=1
C050      I=1
C051      I=1
C052      I=1
C053      I=1
C054      I=1
C055      I=1
C056      I=1
C057      I=1
C058      I=1
C059      I=1
C060      I=1
C061      I=1
C062      I=1
C063      I=1
C064      I=1
C065      I=1
C066      I=1
C067      I=1
C068      I=1
C069      I=1
C070      I=1
C071      I=1
C072      I=1
C073      I=1
C074      I=1
C075      I=1
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THE EQUATION FOR CALCULATING THE UNADJUSTED UNEMPLOYMENT RATE IS

$$\text{VFATE}(M) = (C(MM,1) * (\text{VFATE}(M)/100.)) + C(MM,2) * 5. + C(MM,3) * 25 + C(MM,4) * 125 + C(MM,5) * 100$$

HERE FIVE-CALNDAR MONTH TO WHICH M REFERS.  
NOTE, THAT UNITS OF BOTH URATE AND VRATE ARE AS %, THUS, E.G.,  
VRATE=6.0 IF UNEMPLOYMENT RATE IS 6%

DEPRIVATION VPRATE(13),P(3,3,9,2,13),DELU(13),UBAR(13)  
 C(13,13),T(13,13),UNIT(13),C(13,13),A(3,3,5,2,14),  
 X(13,13),T(13,13),T(13,13),CHANGE(3,3,9,2)

# CALCULATING ADJUSTED UNEMPLOYMENT RATES

```

DO 100 M=1,MONTH
  NTEMP=1+IP(NTH
  NIN=NTEMP-((NTEMP-2)/12)*12
  ITEMP=C(TEMP-1)+C(MM,5)+C(MM,4)+125+C(MM,5)
  VIATC(N)=(C(MM,1)*UKATE(M)/100.)*TEMP*100.

```

# CALCULATING MONTHLY AVERAGES AND DIFFERENCES OF UNEMPLOYMENT RATES

$$V_{t+1}^i = V_t^i + \alpha(V_t^i - V_{t-1}^i) \quad \text{for } t = 1, 2, \dots$$

— 11 —

# CALCULATF P MATHIX

XVII, 102

[illegible]

TABLE 1. RANKS, COLUMNS, AGE, AND SEX

END - ANAL COPY TFM

人



```

C      IF (I.E..0.1) DUMMY=CHANGE (I,J,K,L)
C      CARRY THE CALCULATION
C      TEMP1=6*(I-J+L-1)*UTAR(M)
C      TEMP2=F(I,J,K,L,14)*DILU(M)
C      F(I,J,K,L,P)=A(I,J,K,L,1)+DUMMY+TEMP1+TEMP2
C      IF (I,J,K,L,M) 1,210,210
C      1 P(I,J,K,L,1)=0.
C      CARRY THE CALCULATION TO ACCOUNT FOR TYPE 1 INDIVIDUALS
C      -10 IF (L.E..0) GO TO 202.
C      IF (L,1) GO TO 202
C      201
C      IF (P(I,J,K,L,1)) J=0
C      P(I,J,K,L,P)=P(I,J,K,L,M)*RATIO(1,K)
C      IF (P(I,J,K,L,1)) P(I,J,K,L,N)=P(I,J,K,L,M)-RATIO(2,K)
C      IF (P(I,J,K,L,M)) 2,202,202
C      2 P(I,J,K,L,1)=0.
C      202 CONTINUE
C      INSURE THAT CARRY OF EACH MATRIX SUM TO 1
C      DO 203 I=1,2
C      DO 203 K=1,6
C      DO 203 L=1,4
C      DO 203 P=1,PMAX
C      SUM=0.0
C      DO 204 J=1,2
C      SUM=SUM+F(I,J,K,L,M)
C      GO TO 204
C      204 SUM=SUM-JE1,2
C      F(I,J,K,L,P)=P(I,J,K,L,M)/SUM
C      CARRYING
C      205 JE1,2
C      CALCULATE THE CUMULATIVE DISTRIBUTION
C      P(1,2,K,L,M)=P(1,1,K,L,M)+F(1,2,K,L,M)
C      P(1,3,K,L,M)=P(1,2,K,L,M)+F(1,3,K,L,M)
C      206 CONTINUE
C      RETURN
C      END

```























```

0079      IF (AGE.GE.40) GO TO 103
0080      IF ((MOUT.EQ.22).AND.(INDC.EQ.0)).AND.(1.LE.2)) MOUT=MACT(1)
0081      IF ((1.EQ.5).AND.(MOUT.EQ.22)) CALL SCHKST(MACT(1),INDC,MSTAT,AGE,
0082      & 5,X)
0083      IF ((INDC)EQ.0) GO TO 103
0084      IF (LDOCTN-19) 300,300,306
0085      LDOCTN=1
0086      GO TO 103
0087      CALL SCTRAN(LDOCTN,SEX,MOUT)
0088      LDOCTN=MOUT
0089      MACT(I+1)=MOUT
0090      CONTINUE
0091      DEFINE NUMBER OF WEEKS IN EACH STATE
0092      CALL WKSTUT(WKSCHL,WKEMP,WKUNEM,WKNLF,MACT)
0093      UPDATE FIRST MONTH OF NEXT YEAR ACTIVITY STATUS
0094      YMACT=7(1,.)
0095      DO 100 I=1,N
0096      IF (YMACT(I).EQ.0) THEN
0097      IF (WKNLF+WKEMP+WKUNEM
0098      & 1) THEN
0099      IF ((1.WKNLF.GT.0).AND.(TYPE.EQ.3)).AND.(WKSCHL.EQ.0))
0100      CALL ASGN(LDOCTN,SEX,PROVIN,TYPE)
0101      IF (TYPE.GT.149) MPINC=0
0102      RETURN
0103      END

```







































APPENDIX D.4

ACTIVITY STATUS BLOCK DATA







14 YEAR OLD MALE

	E-E	E-U	E-N	L-E	L-U	L-N	N-E	N-U	N-N
COVS	0.800085	0.0	0.121806	0.0	0.0	1.000000	0.011517	0.0	0.988567
JAN	-0.073778	0.0028660	0.037874	0.151600	0.701300	-0.065320	-0.001551	0.000700	0.000966
FEB	-0.065883	0.0	-0.070029	1.006600	0.0	-0.066600	0.000028	0.0	-0.000419
MAR	0.040151	0.0	-0.055962	0.825300	0.0	-0.125300	0.004939	0.0	-0.004210
APR	0.022951	0.0	-0.0735715	0.068500	0.0	-0.068500	0.005198	0.0	-0.005286
MAY	0.041882	0.0009800	-0.072555	0.382500	0.595800	-0.060400	0.018644	0.001800	-0.003067
JUN	-0.067049	0.004500	-0.072347	0.553200	0.397100	-0.066300	0.002209	0.003400	-0.008029
JUL	0.017922	0.0003700	-0.043288	0.468400	0.352800	-0.0821200	0.010016	0.000600	-0.011151
AUG	-0.023582	0.0	0.27625	0.468400	0.0	-0.252400	-0.000576	0.0	0.000368
SEP	-0.013041	0.0019300	0.067316	0.190900	0.0	-0.0537000	-0.000925	0.0001900	-0.001372
OCT	-0.020049	0.0	-0.006656	0.457100	0.0	-0.0457100	-0.003374	0.0	0.002674
NOV	0.069013	0.0	-0.083891	0.541500	0.0	-0.0941500	0.015373	0.0	-0.015410
DEC	-0.002870	0.0	-0.003770	0.0	0.0	0.0	-0.000938	0.0	0.000889
YEAR	-0.003285	0.0	-0.002738	0.0	0.0	0.0	-0.001240	0.0	0.001219

14 YEAR OLD FEMALE

	E-E	E-U	E-N	L-E	L-U	L-N	N-E	N-U	N-N
COVS	0.706940	0.0	0.212419	0.080700	0.0	1.000000	0.003889	0.0	0.996182
JAN	0.119129	0.0	-0.139439	0.332800	0.0	-0.080700	0.017576	0.0	-0.0020104
FEB	-0.071869	0.0	0.060845	0.332800	0.000100	-0.232800	0.004439	0.0	-0.000966
MAR	-0.130847	0.0	0.150686	0.872600	0.0	-0.0872700	0.021315	0.0	-0.0025266
APR	-0.085778	0.0	0.053072	0.372100	0.0	-0.372100	0.011492	0.0	-0.018701
MAY	0.000054	0.0014600	-0.121613	0.205200	0.745400	-0.095260	0.010032	0.0008700	-0.0033025
JUN	0.000054	0.006600	-0.113004	0.553400	0.577300	-0.0930700	0.003497	0.0003700	-0.0044637
JUL	0.041454	0.0	-0.056630	0.617800	0.0	-0.0617800	0.010373	0.0	-0.013327
AUG	-0.029227	0.0	0.194851	0.275600	0.0	-0.275600	0.009173	0.0	-0.011890
SEP	-0.137598	0.0	-0.146835	0.753800	0.0	-0.0753800	0.018192	0.0	-0.0020711
OCT	0.083607	0.0	-0.091258	0.509500	0.0	-0.509500	0.003549	0.0	-0.005396
NOV	0.131737	0.0	-0.136024	0.619400	0.000100	-0.0619400	0.010234	0.0	-0.011656
DEC	0.002649	0.0	-0.002609	0.0	0.0	0.0	-0.000867	0.0	0.000903
YEAR	-0.019965	0.0	0.000834	0.0	0.0	0.0	-0.002501	0.0	-0.004076





15-16 YEAR OLD MALE

	E-E	E-U	E-F	L-E	L-U	L-N	N-E	N-U	N-N
CBS	0.898982	0.008281	0.092755	0.361508	0.560040	0.075455	-0.003578	-0.008900	1.013575
JAN	0.071559	-0.015363	-0.059203	0.097763	-0.008270	-0.089509	0.025229	0.008832	-0.032053
FEB	0.024298	-0.006103	-0.018204	-0.001226	0.042068	-0.040459	0.022408	0.007329	-0.029733
MAR	0.070661	-0.008284	-0.062366	0.043157	0.061458	-0.104687	0.037707	0.013338	-0.051101
APR	0.028154	0.011598	-0.039780	0.015090	0.027720	-0.111291	0.051239	0.023804	-0.075103
MAY	0.068467	-0.001423	-0.069919	0.023493	0.130009	-0.107442	0.072478	0.054422	-0.127858
JUN	0.031668	-0.010115	-0.071585	0.101452	-0.004493	-0.090867	0.158003	0.035387	-0.193314
JUL	0.021908	-0.012453	-0.009381	0.063715	-0.109493	0.045277	0.020801	0.008804	-0.038408
AUG	-0.035025	-0.013050	0.023349	-0.117267	-0.032051	0.437746	0.017484	0.008464	-0.025578
SEP	0.081651	-0.008007	-0.022613	-0.011935	0.047231	-0.035305	0.015485	0.007719	-0.023243
OCT	0.038300	0.012654	-0.048437	-0.102767	0.164232	-0.062135	0.010269	0.004350	-0.018612
NOV	0.040022	-0.008851	-0.041089	0.033613	0.002082	-0.036603	0.012823	0.005160	-0.018020
DEC	-0.070751	0.003123	-0.002069	-0.025955	0.010372	0.005255	-0.001556	0.000618	0.000927
ELU	-0.000551	0.000748	-0.002044	-0.003147	0.004183	-0.001040	0.000549	0.004213	-0.001271

15-16 YEAR OLD FEMALE

	E-E	E-U	E-F	L-E	L-U	L-N	N-E	N-U	N-N
CBS	0.794932	0.022735	0.182386	0.170473	0.771483	0.050005	0.010204	-0.000721	0.990516
JAN	0.140940	-0.012473	-0.125546	-0.015056	0.084037	-0.069920	0.024760	0.003861	-0.028648
FEB	0.007865	-0.002049	-0.060328	0.032059	-0.130665	0.155550	0.010424	0.002009	-0.012484
MAR	0.128337	-0.002401	-0.126061	-0.135584	0.206701	-0.074040	0.020182	0.007974	-0.028050
APR	0.069946	-0.002227	-0.067730	-0.121487	0.121858	-0.000261	0.016427	0.007766	-0.024167
MAY	0.128751	0.004122	-0.133201	-0.084568	0.150413	-0.063500	0.029480	0.031191	-0.060775
JUN	0.165082	-0.010430	-0.146552	0.230706	-0.179868	-0.050911	0.102386	0.009596	-0.111088
JUL	0.051624	-0.010838	-0.032802	0.095134	-0.210304	0.123317	0.007762	0.002182	-0.008935
AUG	-0.0201365	-0.015008	0.216503	-0.049076	-0.295519	0.344701	0.006595	0.002096	-0.008447
SEP	0.110750	-0.002409	-0.108366	-0.063174	0.121479	-0.028246	0.012603	0.007017	-0.019642
OCT	0.062938	-0.007079	-0.061906	-0.064765	0.023619	0.045203	0.002034	0.001704	-0.003737
NOV	0.161138	-0.015463	-0.145704	0.047093	-0.0625448	-0.0018607	0.026141	0.002236	-0.028378
DEC	0.001699	0.000100	-0.001896	0.007145	-0.0011788	0.004641	-0.001682	-0.000001	0.001746
ELU	0.000129	0.000776	-0.000910	-0.0017465	0.0021604	-0.0004103	0.002109	0.001239	-0.000340



17-19 YEAR OLD MALE

	E-F	E-U	E-N	L-E	U-U	L-N	N-E	N-L	N-F
CDS	0.906895	0.033476	0.059613	0.289109	0.680830	0.030043	-0.011321	-0.014472	1.025818
JAN	0.051274	-0.025062	-0.026291	0.052963	-0.015313	-0.037624	0.055618	0.016912	-0.072525
FEB	0.037742	-0.028171	-0.009650	0.028861	-0.009474	-0.017185	0.056800	0.015604	-0.072359
MAR	0.064524	-0.030946	-0.035933	0.055077	-0.007850	-0.047226	0.052483	0.072000	-0.012057
APR	0.071124	-0.027276	-0.043845	0.153656	-0.089443	-0.064200	0.172137	0.059079	-0.023124
MAY	0.075567	-0.030326	-0.045260	0.053540	-0.004953	-0.048559	0.193122	0.130505	-0.032361
JUN	0.079615	-0.034167	-0.045443	0.086752	-0.042740	-0.043958	0.297222	0.086122	-0.038345
JUL	0.043694	-0.038167	-0.005522	0.085127	-0.018123	0.032959	0.063858	0.017868	-0.008175
AUG	-0.211741	-0.020118	0.032265	-0.074005	-0.131005	0.021022	0.043728	0.011001	-0.046608
SEP	0.072367	-0.034313	-0.038122	0.073466	-0.009304	-0.025223	0.051703	0.017855	-0.006945
OCT	0.028579	-0.011007	-0.017540	-0.050474	0.052430	-0.001842	0.020702	0.008832	-0.002955
NOV	0.021546	-0.015270	-0.018620	-0.006878	0.009029	-0.003338	0.028127	0.009118	-0.003720
DEC	-0.001697	0.003918	-0.002222	-0.023289	0.020649	-0.002641	-0.004066	0.000591	-0.003480
YEAR	-0.003320	0.006866	-0.003640	-0.002880	0.003065	-0.001074	0.022708	0.000486	-0.003152

17-19 YEAR OLD FEMALE

	E-F	E-U	E-N	L-E	U-U	L-N	N-E	N-L	N-F
CDS	0.011017	0.013522	0.045144	0.276756	0.681217	0.042102	0.015411	-0.003755	0.048382
JAN	0.024424	-0.006212	-0.020357	-0.051164	0.057240	-0.018030	0.025105	0.007834	-0.032745
FEB	0.038027	-0.013377	-0.024590	-0.006450	0.054236	0.010195	0.026100	0.008523	-0.003462
MAR	0.047450	-0.004522	-0.004004	-0.010178	0.125032	0.024278	0.033770	0.011057	-0.004707
APR	0.050159	-0.000572	-0.000009	-0.153351	0.187032	0.020009	0.063171	0.033004	-0.007005
MAY	0.049084	-0.002473	-0.006581	-0.046260	0.079360	-0.033189	0.093782	0.060021	-0.015462
JUN	0.075981	-0.008430	-0.006747	0.033017	0.000418	-0.033510	0.204341	0.041111	-0.024558
JUL	0.022277	-0.009329	-0.023010	-0.070092	0.000604	-0.006808	0.020005	0.010787	-0.003740
AUG	-0.158207	0.004600	0.163521	-0.126485	0.006207	0.117164	0.017013	0.009134	-0.002621
SEP	0.050377	-0.009936	-0.040388	-0.024406	0.019295	0.005055	0.026313	0.009099	-0.003543
OCT	0.028000	0.001616	-0.020701	-0.009632	0.095614	0.001865	0.008682	0.027403	-0.001507
NOV	0.061087	-0.013773	-0.047309	0.038555	-0.005916	0.020425	0.026758	0.004316	-0.003103
DEC	0.000400	0.001270	-0.001674	-0.008291	-0.009039	-0.000749	-0.003061	-0.000159	0.003221
YEAR	0.004024	0.002768	-0.000794	-0.003243	0.003865	-0.000441	0.007920	0.000481	-0.001239





20-21 YIELD (10) MFL

	E-E	E-U	E-N	L-F	U-U	L-N	N-F	F-L	N-N
FEED	0.076308	0.002340	0.012335	0.458556	0.522299	0.018971	0.036884	-0.002356	0.071712
FEED	0.010297	-0.012426	0.002140	0.024738	-0.016524	-0.006192	0.011979	0.006127	-0.018185
FEED	0.018064	-0.012467	-0.005500	-0.006843	0.023382	-0.016502	0.021845	0.014735	-0.003668
FEED	0.007722	-0.006513	-0.002639	-0.003750	0.004707	-0.001407	0.002474	0.016662	-0.004123
FEED	0.009646	0.002841	-0.012499	0.003502	-0.002626	-0.003220	0.030340	0.011015	-0.041408
FEED	0.022674	-0.011147	-0.011144	0.052132	-0.002026	-0.002185	0.019307	-0.002783	-0.002356
FEED	0.013120	-0.006882	-0.006139	-0.016553	0.030200	-0.013582	0.014903	0.046080	-0.019320
FEED	0.004190	-0.003908	-0.000261	-0.008739	0.009015	-0.000276	0.005201	0.016651	-0.006901
FEED	-0.000710	-0.000000	-0.000626	-0.012742	0.024663	-0.007103	0.012030	0.011007	-0.002305
FEED	0.011686	-0.005241	-0.006414	-0.006912	0.009241	-0.000706	0.017369	0.011215	-0.003170
FEED	0.013290	-0.008138	-0.005040	-0.006435	0.064612	-0.000201	0.007929	0.006729	-0.001463
FEED	0.004493	0.001739	-0.006254	-0.006181	0.073298	-0.001146	0.004158	0.011547	-0.002571
FEED	-0.003520	0.004449	-0.000934	-0.003320	0.032581	-0.000622	-0.003828	0.000929	0.002602
FEED	-0.009904	0.009822	-0.000785	-0.005890	0.064446	-0.005528	0.001362	0.005846	-0.007223

20-23 YIELD (10) FFL

	E-E	E-U	E-N	L-F	U-U	L-N	N-F	F-L	N-N
FEED	0.005578	0.003376	0.002162	0.477104	0.493427	0.028310	0.058266	0.02187	0.051982
FEED	0.002729	-0.004113	-0.002245	-0.166267	0.100000	-0.002801	0.012666	0.04079	-0.002988
FEED	-0.000998	-0.004068	0.005061	-0.153404	0.131204	0.022112	0.007849	0.002458	-0.010265
FEED	0.000013	0.002356	-0.002546	-0.190143	0.210000	-0.002734	0.014674	0.007369	-0.002068
FEED	0.005487	0.004229	-0.009736	-0.189228	0.184923	0.004350	0.075496	0.019773	-0.009518
FEED	0.000000	0.001616	0.001278	-0.030206	0.015939	0.014281	0.019865	0.010365	-0.003019
FEED	-0.003700	0.002845	0.002067	-0.142438	0.131867	0.010595	0.033257	0.010184	-0.004379
FEED	-0.011649	0.006222	0.005243	-0.232361	0.227727	0.004648	0.015485	0.007092	-0.002510
FEED	0.007032	0.008101	0.002260	-0.129715	0.146121	0.004367	0.043469	0.007661	-0.005132
FEED	0.005557	0.000142	-0.005768	-0.152016	0.142434	0.009588	0.018020	0.006324	-0.002479
FEED	0.005910	-0.001462	-0.000465	-0.166657	0.002969	0.023600	-0.001465	0.002112	-0.000688
FEED	0.007028	0.003918	-0.003151	-0.062340	0.015716	0.004644	0.003775	0.000037	-0.000378
FEED	-0.001020	0.001131	-0.000121	-0.017574	0.012412	-0.000627	-0.000616	-0.000239	0.000211
FEED	-0.005275	0.002387	0.000283	-0.051372	0.004916	0.001911	0.000771	0.001311	-0.000266



25-34 YEAR OLD FEMALE

	E-E	F-U	E-N	L-E	U-U	L-N	N-E	F-L	N-N
CR.S	0.948423	-0.005592	0.005915	0.519662	0.473669	0.006696	0.097078	0.005682	0.897289
CR.S	0.012022	-0.001133	-0.000717	0.074918	-0.073310	-0.001726	-0.004205	0.002671	0.000641
CR.S	0.010645	-0.000554	-0.000927	0.023179	-0.021358	-0.001251	-0.003432	0.000944	0.003321
CR.S	0.000112	-0.007104	-0.001116	0.014528	-0.012127	-0.002364	0.001335	0.011114	-0.012540
CR.S	0.003208	-0.000865	-0.002365	0.094875	-0.088578	-0.006354	0.148312	0.027230	-0.010755
CR.S	0.010295	-0.004937	-0.001585	0.060518	-0.056904	-0.003516	0.073425	0.004800	-0.011373
CR.S	0.004551	-0.006830	-0.002303	0.013359	-0.017532	0.004064	0.090023	0.020044	-0.011086
CR.S	0.004348	-0.004046	-0.000304	0.074385	0.073905	0.000508	0.099554	0.012004	-0.011078
CR.S	0.007356	-0.002716	-0.005410	0.023632	-0.020054	0.012679	0.130290	0.017285	-0.016780
CR.S	0.004048	-0.009049	0.000015	0.015536	0.011988	0.003415	-0.002260	-0.001041	0.002354
CR.S	0.002097	-0.003603	0.001538	0.086662	0.078271	0.008387	-0.002269	-0.002279	0.003405
CR.S	0.006696	-0.005403	-0.001195	0.002384	0.003155	-0.000761	-0.003269	0.000003	0.013512
CR.S	0.002503	-0.002700	-0.000241	0.036637	0.036522	0.000110	-0.003083	0.000590	0.002091
CR.S	0.000507	-0.005609	0.000010	-0.005005	0.005059	-0.000548	-0.001918	0.000503	0.018665

25-34 YEAR OLD FEMALE

	E-E	F-U	E-N	L-E	U-U	L-N	N-E	N-L	N-N
CR.S	0.948420	0.004333	0.004689	0.492445	0.460172	0.038429	0.028373	0.001611	0.948910
CR.S	0.003025	-0.002214	-0.001205	-0.077552	0.073530	-0.003020	0.011175	0.001616	-0.012543
CR.S	0.000104	-0.002707	-0.001195	0.017198	-0.015474	-0.013465	0.014673	0.001670	-0.012525
CR.S	0.004770	-0.002439	0.007138	0.014235	0.012122	0.020099	0.003647	0.001591	0.000005
CR.S	0.012745	-0.006477	-0.013128	0.011424	-0.009124	0.000031	0.071060	0.002610	-0.013410
CR.S	0.000451	-0.000126	0.003717	0.001157	-0.003002	0.047608	0.005757	0.003319	-0.010104
CR.S	0.014546	-0.001806	0.012990	-0.019090	0.061002	0.033108	0.019929	0.002721	-0.002300
CR.S	0.025844	-0.006804	0.024779	0.004717	-0.016463	0.029336	0.007530	0.001071	-0.002248
CR.S	0.008716	-0.003732	-0.001251	0.022471	0.022019	0.009097	0.016215	0.003423	-0.002495
CR.S	0.000210	-0.002300	-0.001781	0.008132	-0.004176	0.002256	0.007054	0.006445	-0.002600
CR.S	0.013095	0.001072	0.001409	0.015784	0.013289	0.025481	0.009129	0.000862	-0.009881
CR.S	0.000559	0.000708	-0.001266	-0.014330	0.016429	-0.002108	-0.002006	-0.000118	0.002129
CR.S	-0.000499	0.001746	0.003235	-0.005191	0.004587	0.006049	-0.000273	0.000432	-0.000135





35-34 YEAR OLD MALE

	E-E	E-U	E-N	L-E	L-U	L-N	N-E	N-L	N-N
C.S.	0.004269	0.004684	0.005169	0.499555	0.493675	0.486969	0.053343	0.004733	-0.909856
JA	0.002333	-0.000660	0.003500	0.060371	-0.017021	0.000584	0.012816	0.004616	-0.017209
FE	0.004769	-0.000653	0.001208	0.035001	-0.033274	-0.001832	0.002014	0.001171	-0.001673
AA	-0.010015	-0.000953	-0.001265	0.005752	-0.063920	-0.001730	0.060036	0.016733	-0.007672
SE	-0.00397	-0.002829	-0.001438	0.130841	-0.134827	-0.004908	0.232396	0.055646	-0.028063
SA	0.00536	-0.001610	0.002018	0.120255	-0.119691	-0.000582	0.073224	0.029628	-0.012004
LA	0.007524	-0.0008361	0.000895	0.058408	-0.060026	0.002206	0.177242	0.026719	-0.0026934
SE	0.006777	-0.0007659	0.001907	-0.000939	-0.000391	0.005333	0.088956	0.008797	-0.0095632
SA	0.003838	-0.0004361	0.0004361	0.035271	-0.045400	0.009114	0.258132	0.019121	-0.0027203
SE	0.007431	-0.0006913	0.000577	-0.004571	0.049282	0.000645	0.012647	0.008897	-0.0018103
LA	0.006074	-0.0005734	0.000661	-0.005726	0.052052	0.004432	0.017134	0.001895	-0.0000002
SE	0.002917	-0.0002677	0.000119	-0.017171	0.016536	0.000606	-0.005219	0.001710	-0.003531
SA	-0.001941	0.002151	-0.0000209	-0.034167	0.031143	-0.000047	-0.005491	0.000510	0.003005
FE	-0.0006022	0.004714	0.000323	-0.0039151	0.039342	-0.000186	-0.005108	0.002192	0.002091

35-34 YEAR OLD FEMALE

	E-E	E-U	E-N	L-E	L-U	L-N	N-E	N-L	N-N
C.S.	0.004394	0.004502	0.0054520	0.485851	0.472910	0.461171	0.025170	0.001480	-0.72836
JA	0.002607	-0.000426	-0.001601	0.000693	-0.017247	-0.011171	0.020128	0.001659	-0.0021729
FE	0.007442	-0.000487	0.0022844	-0.116030	0.109858	0.006227	0.018381	0.001659	-0.0021079
AA	0.010171	-0.000697	-0.0009507	0.161693	-0.160070	-0.004895	0.0511290	0.002012	-0.0011031
SE	0.004211	-0.0003524	0.0007005	0.014393	-0.000091	0.065793	0.025988	0.002426	-0.0021229
SA	0.003022	-0.0000224	-0.0005900	-0.081657	0.073725	0.000097	0.015114	0.007218	-0.0022381
LA	0.003038	-0.0002636	0.0003037	-0.011958	-0.033368	0.042020	0.010006	0.00234	-0.0022303
SE	0.003021	-0.0002776	0.0003255	0.075708	0.049562	0.036215	0.011175	0.001078	-0.0012424
SA	0.003207	-0.000250	0.0013143	-0.0073935	0.011600	0.061526	0.050075	0.002458	-0.000010
FE	0.001450	-0.0000229	-0.0001500	0.149200	0.151056	-0.002613	0.021312	0.004396	-0.0020707
AA	0.004008	-0.001182	0.0027484	-0.105256	0.099921	0.009418	0.008350	0.002162	-0.001476
SE	0.004000	-0.001336	-0.0001370	0.105256	0.086634	0.028499	0.010603	0.000467	-0.0011223
LA	0.000371	0.0000771	-0.0003300	-0.016603	0.018335	-0.001728	-0.002563	-0.000100	-0.0000005
FE	0.005303	0.0001259	0.0004014	-0.0037857	0.032915	0.0064973	-0.000762	0.0000762	-0.0000100



三

THE UNIVERSITY OF CHICAGO





55-64 YEAR OLD FEMALE



64-5074

# THEORY



















STATE OF NEW YORK

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

[illegible]

# COMBINATORIAL ANALYSIS OF THE PROBABILITY OF A RISK

5.  
 6.  
 7.  
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 9.  
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 11.  
 12.  
 13.  
 14.  
 15.









### PROBABILITY OF MOVING FROM THE INPUT STATE

[illegible]

GRADE 9	0.006
GRADE 10	0.007
GRADE 11	0.004
GRADE 12	0.005
GRADE 13	0.005
CART 1	0.000
CART 2	0.003
CART 3	0.003
CLIV 1	0.007
CLIV 2	0.008
CLIV 3	0.009
CLIV 4	0.003
CLIV 5	0.075
CLIV 6	0.077
CLIV 7	0.081
CLIV 8	0.064
CLIV 9	0.061
CLIV 10	0.0
CLIV 11	0.000
CLIV 12	0.000
CLIV 13	0.000
CLIV 14	0.000
CLIV 15	0.000
CLIV 16	0.000
CLIV 17	0.000
CLIV 18	0.000
CLIV 19	0.000
CLIV 20	0.000
CLIV 21	0.000
CLIV 22	0.000
CLIV 23	0.000
CLIV 24	0.000
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CLIV 37	0.000
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CLIV 39	0.000
CLIV 40	0.000
CLIV 41	0.000
CLIV 42	0.000
CLIV 43	0.000
CLIV 44	0.000
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CLIV 48	0.000
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CLIV 50	0.000
CLIV 51	0.000
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CLIV 53	0.000
CLIV 54	0.000
CLIV 55	0.000
CLIV 56	0.000
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CLIV 91	0.000
CLIV 92	0.000
CLIV 93	0.000
CLIV 94	0.000
CLIV 95	0.000
CLIV 96	0.000
CLIV 97	0.000
CLIV 98	0.000
CLIV 99	0.000
CLIV 100	0.000
CLIV 101	0.000
CLIV 102	0.000
CLIV 103	0.000
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CLIV 105	0.000
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CLIV 116	0.000
CLIV 117	0.000
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CLIV 124	0.000
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CLIV 126	0.000
CLIV 127	0.000
CLIV 128	0.000
CLIV 129	0.000
CLIV 130	0.000
CLIV 131	0.000
CLIV 132	0.000
CLIV 133	0.000
CLIV 134	0.000
CLIV 135	0.000
CLIV 136	0.000
CLIV 137	0.000
CLIV 138	0.000
CLIV 139	0.000
CLIV 140	0.000
CLIV 141	0.000
CLIV 142	0.000
CLIV 143	0.000
CLIV 144	0.000
CLIV 145	0.000
CLIV 146	0.000
CLIV 147	0.000
CLIV 148	0.000
CLIV 149	0.000
CLIV 150	0.000
CLIV 151	0.000
CLIV 152	0.000
CLIV 153	0.000
CLIV 154	0.000
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CUMULATIVE EFFECTS OF CORRALIZED PROPAGILITY APPLY

17. 11. 1957



ITAL STATUS = SINGLE  
SEX = MALE

# PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INDIAN STATE

INPUT STATE	PROBABILITY
STATE 9	0.077
STATE 10	0.064
STATE 11	0.061
STATE 12	0.047
STATE 13	0.087
CAT 1	0.077
CAT 2	0.085
CAT 3	0.033
UNIV 1	0.087
UNIV 2	0.082
UNIV 3	0.090
UNIV 4	0.060
UNIV 5	0.075
UNIV 6	0.002
UNIV 7	0.077
UNIV 8	0.063
UNIV 9	0.060
UNIV 10	0.000
REFRAIN	0.000
RECEIVED	0.082
UNEMPLOY	0.092
REF	0.075

CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX





AGE = 15  
SEX = FEMALE  
STATUS = STAG

PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

[illegible]

CUMULATIVE VERSION OF NOR-ALTIN POPULARITY TABLE





## PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE.

KLING, A. L. 1974. Growth of *Salix* spp. in relation to soil moisture and nitrogen.



















PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

[illegible]

GRADE 8	0.000
GRADE 10	0.001
GRADE 11	0.002
GRADE 12	0.000
GRADE 13	0.000
CAT 1	0.003
CAT 2	0.004
CAT 3	0.006
UNIV 1	0.001
UNIV 2	0.005
UNIV 3	0.009
UNIV 4	0.077
UNIV 5	0.005
UNIV 6	0.059
UNIV 7	0.009
UNIV 8	0.003
UNIV 9	0.071
UNIV 10	0.00
UNIV 11	0.00
UNIV 12	0.00
UNIV 13	0.001
UNIV 14	0.001
UNIV 15	0.001

CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX













PREFABILITY OF MOVING INTO A SCHOOL STATE FROM THE INDUT STAFF

INFLUENCE OF THE

UNIV 1	0.767
UNIV 2	0.767
UNIV 3	0.767
UNIV 4	0.767
UNIV 5	0.767
UNIV 6	0.767
UNIV 7	0.767
UNIV 8	0.767
UNIV 9	0.767
UNIV 10	0.767
UNIV 11	0.767
UNIV 12	0.767
UNIV 13	0.767
UNIV 14	0.767
UNIV 15	0.767
UNIV 16	0.767
UNIV 17	0.767
UNIV 18	0.767
UNIV 19	0.767
UNIV 20	0.767
UNIV 21	0.767
UNIV 22	0.767
UNIV 23	0.767
UNIV 24	0.767
UNIV 25	0.767
UNIV 26	0.767
UNIV 27	0.767
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UNIV 29	0.767
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UNIV 67	0.767
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UNIV 69	0.767
UNIV 70	0.767
UNIV 71	0.767
UNIV 72	0.767
UNIV 73	0.767
UNIV 74	0.767
UNIV 75	0.767
UNIV 76	0.767
UNIV 77	0.767
UNIV 78	0.767
UNIV 79	0.767
UNIV 80	0.767
UNIV 81	0.767
UNIV 82	0.767
UNIV 83	0.767
UNIV 84	0.767
UNIV 85	0.767
UNIV 86	0.767
UNIV 87	0.767
UNIV 88	0.767
UNIV 89	0.767
UNIV 90	0.767
UNIV 91	0.767
UNIV 92	0.767
UNIV 93	0.767
UNIV 94	0.767
UNIV 95	0.767
UNIV 96	0.767
UNIV 97	0.767
UNIV 98	0.767
UNIV 99	0.767
UNIV 100	0.767

### CUMULATIVE VERSION OF ANALYZE PROBABILITY MATRIX

FINAL STATES





POSSIBILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

[illegible]

GRADE 9	0.085
GRADE 10	0.089
GRADE 11	0.089
GRADE 12	0.065
GRADE 13	0.055
CAAT 1	0.095
CAAT 2	0.095
CAAT 3	0.593
UNIV 1	0.091
UNIV 2	0.093
UNIV 3	0.090
UNIV 4	0.071
UNIV 5	0.095
UNIV 6	0.065
UNIV 7	0.065
UNIV 8	0.065
UNIV 9	0.065
UNIV 10	0.065
PEIRAIN	0.065
EMPLOY	0.065
UNEMPLOY	0.065
LF	0.075

# CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX

LETTERS



DEGRADABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

**PLATE**

GRADE 8	0.95
GRADE 9	0.87
GRADE 10	0.87
GRADE 11	0.87
GRADE 12	0.87
GRADE 13	0.96
CAAT 1	0.87
CAAT 2	0.91
CAAT 3	0.49
UNIV 1	0.96
UNIV 2	0.86
UNIV 3	0.95
UNIV 4	0.87
UNIV 5	0.97
UNIV 6	0.97
UNIV 7	0.81
UNIV 8	0.87
UNIV 9	0.95
UNIV 10	0.87
UNIV 11	0.87
UNIV 12	0.87
UNIV 13	0.87
UNIV 14	0.87
UNIV 15	0.87
UNIV 16	0.87
UNIV 17	0.87
UNIV 18	0.87
UNIV 19	0.87
UNIV 20	0.87
UNIV 21	0.87
UNIV 22	0.87
UNIV 23	0.87
UNIV 24	0.87
UNIV 25	0.87
UNIV 26	0.87
UNIV 27	0.87
UNIV 28	0.87
UNIV 29	0.87
UNIV 30	0.87
UNIV 31	0.87
UNIV 32	0.87
UNIV 33	0.87
UNIV 34	0.87
UNIV 35	0.87
UNIV 36	0.87
UNIV 37	0.87
UNIV 38	0.87
UNIV 39	0.87
UNIV 40	0.87
UNIV 41	0.87
UNIV 42	0.87
UNIV 43	0.87
UNIV 44	0.87
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UNIV 49	0.87
UNIV 50	0.87
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UNIV 53	0.87
UNIV 54	0.87
UNIV 55	0.87
UNIV 56	0.87
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UNIV 59	0.87
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UNIV 62	0.87
UNIV 63	0.87
UNIV 64	0.87
UNIV 65	0.87
UNIV 66	0.87
UNIV 67	0.87
UNIV 68	0.87
UNIV 69	0.87
UNIV 70	0.87
UNIV 71	0.87
UNIV 72	0.87
UNIV 73	0.87
UNIV 74	0.87
UNIV 75	0.87
UNIV 76	0.87
UNIV 77	0.87
UNIV 78	0.87
UNIV 79	0.87
UNIV 80	0.87
UNIV 81	0.87
UNIV 82	0.87
UNIV 83	0.87
UNIV 84	0.87
UNIV 85	0.87
UNIV 86	0.87
UNIV 87	0.87
UNIV 88	0.87
UNIV 89	0.87
UNIV 90	0.87
UNIV 91	0.87
UNIV 92	0.87
UNIV 93	0.87
UNIV 94	0.87
UNIV 95	0.87
UNIV 96	0.87
UNIV 97	0.87
UNIV 98	0.87
UNIV 99	0.87
UNIV 100	0.87

CUMULATIVE VERSION OF NORMALIZED PROBABILITY DENSITY

# FINAL STATS









AGEITAL STATUS = SINGLE  
SEX = FEMALE

PROPERTY OF THE SECRETARY OF THE ARMY

INDEBT STATE PROPERTY

GRADE 9	0.751
GRADE 10	0.698
GRADE 11	0.741
GRADE 12	0.804
GRADE 13	0.663
CAAT 1	0.840
CAAT 2	0.902
CAAT 3	0.769
UNIV 1	0.897
UNIV 2	0.909
UNIV 3	0.821
UNIV 4	0.812
UNIV 5	0.759
UNIV 6	0.766
UNIV 7	0.756
UNIV 8	0.669
UNIV 9	0.637
UNIV 10	0.637
REPAIR	0.8
UNEMPLOY	0.753
FL	0.260

[illegible]

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PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

GRADE 9	0.988
GRADE 10	0.985
GRADE 11	0.981
GRADE 12	0.931
GRADE 13	0.961
CAAT 1	0.985
CAAT 2	0.991
CAAT 3	0.375
UNIV 1	0.995
UNIV 2	0.987
UNIV 3	0.991
UNIV 4	0.872
UNIV 5	0.973
UNIV 6	0.811
UNIV 7	0.979
UNIV 8	0.959
UNIV 9	0.955
UNIV 10	0.0
REFTRAIN	0.0
EMPLOYED	0.676
UNEMPLOY	0.695
SELF	0.523

CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX

FINAL STATES

[illegible]















T-24  
STATUS = MARRIED  
LE

[illegible]

GRADE 9	--	0.982
GRADE 10	--	0.976
GRADE 11	--	0.963
GRADE 12	--	0.933
GRADE 13	--	0.985
CAT 1	--	0.982
CAAT 2	--	0.988
CAAT 3	--	0.345
UNIV 1	--	0.987
UNIV 2	--	0.991
UNIV 3	--	0.995
UNIV 4	--	0.850
UNIV 5	--	0.985
UNIV 6	--	0.945
UNIV 7	--	0.982
UNIV 8	--	0.974
UNIV 9	--	0.961
UNIV 10	--	0.0
REFRAIN	--	0.0
EMPLOYED	--	0.964
UNEMPLOY	--	0.957
SLF	--	0.900

# FINAL STATES

[illegible]



PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

CUMULATIVE VERSION OF NORMAL JZFC PROBABILITY MATRIX

[illegible]



AGE = 20-24  
MARITAL STATUS = SINGLE  
SEX = MALE

## PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

1961 STATE	PROBABILITY
Alabama	0.0000
Alaska	0.0000
Arizona	0.0000
Arkansas	0.0000
California	0.0000
Colorado	0.0000
Connecticut	0.0000
Delaware	0.0000
District of Columbia	0.0000
Florida	0.0000
Georgia	0.0000
Hawaii	0.0000
Idaho	0.0000
Illinois	0.0000
Indiana	0.0000
Iowa	0.0000
Kansas	0.0000
Kentucky	0.0000
Louisiana	0.0000
Maine	0.0000
Maryland	0.0000
Massachusetts	0.0000
Michigan	0.0000
Minnesota	0.0000
Mississippi	0.0000
Missouri	0.0000
Montana	0.0000
Nebraska	0.0000
Nevada	0.0000
New Hampshire	0.0000
New Jersey	0.0000
New Mexico	0.0000
New York	0.0000
North Carolina	0.0000
North Dakota	0.0000
Ohio	0.0000
Oklahoma	0.0000
Oregon	0.0000
Pennsylvania	0.0000
Rhode Island	0.0000
South Carolina	0.0000
South Dakota	0.0000
Tennessee	0.0000
Texas	0.0000
Utah	0.0000
Vermont	0.0000
Virginia	0.0000
Washington	0.0000
West Virginia	0.0000
Wisconsin	0.0000
Wyoming	0.0000

GRADE 9	---	0.938
GRADE 10	---	0.932
GRADE 11	---	0.898
GRADE 12	---	0.892
GRADE 13	---	0.971
CAAT 1	---	0.962
CAAT 2	---	0.977
CAAT 3	---	0.143
UNIV 1	---	0.980
UNIV 2	---	0.975
UNIV 3	---	0.975
UNIV 4	---	0.645
UNIV 5	---	0.965
UNIV 6	---	0.845
UNIV 7	---	0.962
UNIV 8	---	0.945
UNIV 9	---	0.942
UNIV 10	---	0.0
REFRAIN	---	0.0
EMPLOYED	---	0.952
UNEMPLOY	---	0.941
SELF	---	0.871

## CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX

[illegible]





# PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

INPUT STATE	PR (R)AFLIY
0000	0000
0001	0001
0010	0010
0011	0011
0100	0100
0101	0101
0110	0110
0111	0111
1000	1000
1001	1001
1010	1010
1011	1011
1100	1100
1101	1101
1110	1110
1111	1111

GRADE 9	0.599
GRADE 10	0.488
GRADE 11	0.357
GRADE 12	0.204
GRADE 13	0.011
CAAT 1	0.691
CAAT 2	0.806
CAAT 3	0.011
UNIV 1	0.769
UNIV 2	0.870
UNIV 3	0.690
UNIV 4	0.153
UNIV 5	0.559
UNIV 6	0.054
UNIV 7	0.597
UNIV 8	0.488
UNIV 9	0.357
UNIV 10	0.0
RETRAIN	0.0
EMPLOYED	0.057
UNEMPLOY	0.102
SELF	0.066

### CUMULATIVE VERSION C.F. NORMALIZED PROBABILITY MATRIX

## LITIAL STATES

[illegible]





PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

# Early State

GRADE 9	---	---	0.920
GRADE 10	---	---	0.967
GRADE 11	---	---	0.949
GRADE 12	---	---	0.878
GRADE 13	---	---	0.976
CAAT 1	---	---	0.981
CAAT 2	---	---	0.988
CAAT 3	---	---	0.966
UNIV 1	---	---	0.988
UNIV 2	---	---	0.991
UNIV 3	---	---	0.996
UNIV 4	---	---	0.862
UNIV 5	---	---	0.986
UNIV 6	---	---	0.949
UNIV 7	---	---	0.983
UNIV 8	---	---	0.975
UNIV 9	---	---	0.964
UNIV 10	---	---	0.0
RETRAIN	---	---	0.0
EMPLOYED	---	---	0.734
UNEMPLOY	---	---	0.713
SELF	---	---	0.450

CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX

[illegible]



PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INFLT STATE

INPUT STATE

### CUMULATIVE VERSION OF NOR"ALIZED PROBABILITY MATRIX

[illegible]



SEX = MALE  
MARITAL STATUS = SINGLE

## PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

INPUT STATE	PROBABILITY
GRADE 9	0.941
GRADE 10	0.901
GRADE 11	0.840
GRADE 12	0.788
GRADE 13	0.964
CAAT 1	0.955
CAAT 2	0.973
CAAT 3	0.678
UNIV 1	0.980
UNIV 2	0.975
UNIV 3	0.975
UNIV 4	0.654
UNIV 5	0.965
UNIV 6	0.847
UNIV 7	0.963
UNIV 8	0.947
UNIV 9	0.943
UNIV 10	0.0
RETRAIN	0.0
EMPLOYED	0.682
UNEMPLOY	0.667
KL	0.444

# CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX





PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

GRADE C	---	0.439
GRADE 10	---	0.314
GRADE 11	---	0.169
GRADE 12	---	0.090
GRADE 13	---	0.007
CAAT 1	---	0.551
CAAT 2	---	0.717
CAAT 3	---	0.004
UNIV 1	---	0.733
UNIV 2	---	0.846
UNIV 3	---	0.647
UNIV 4	---	0.129
UNIV 5	---	0.551
UNIV 6	---	0.045
UNIV 7	---	0.549
UNIV 8	---	0.439
UNIV 9	---	0.314
UNIV 10	---	0.0
PEIRAIN	---	0.0
EMPLOYED	---	0.007
UNEMPLOY	---	0.006
UNEMPLOY	---	0.005

### CUMULATIVE VERSION CF NORMALIZED PROBABILITY MATRIX

# FINAL STATES

[illegible]





1

[illegible][illegible]



PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

INFECTION STATE PROPAGABILITY

卷之六

GRADE 9	---	---	0.669
GRADE 10	---	---	0.668
GRADE 11	---	---	0.651
GRADE 12	---	---	0.755
GRADE 13	---	---	0.405
CAAT 1	---	---	0.668
CAAT 2	---	---	0.981
CAAT 3	---	---	0.819
UNIV 1	---	---	0.986
UNIV 2	---	---	0.994
UNIV 3	---	---	0.986
UNIV 4	---	---	0.865
UNIV 5	---	---	0.958
UNIV 6	---	---	0.723
UNIV 7	---	---	0.970
UNIV 8	---	---	0.948
UNIV 9	---	---	0.944
UNIV 10	---	---	0.0
RETRAIN	---	---	0.0
EMPLOYED	---	---	0.010
UNEMPLOY	---	---	0.019
SELF	---	---	0.014

# CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX

# FINAL STATES

[illegible]



PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

INPUT STATE	FEEDBACK
00	00
01	01
10	10
11	11
00	00
01	01
10	10
11	11

GRADE	C	0.93
GRADE	10	0.880
GRADE	11	0.794
GRADE	12	0.647
GRADE	13	0.457
CAAT	1	0.647
CAAT	2	0.970
CAAT	3	0.034
UNIV	1	0.970
UNIV	2	0.963
UNIV	3	0.957
UNIV	4	0.586
UNIV	5	0.951
UNIV	6	0.816
UNIV	7	0.947
UNIV	8	0.926
UNIV	9	0.920
UNIV	10	0.0
REFRAIN		0.0
EMPLOYED		0.350
EMPLOY		0.348
STF		0.170

CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX

FINAL STATES





AGE = 30-34  
MARITAL STATUS = SINGLE  
SFX = FEMALE

## PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

INIT STATE      PRIORITY

GRADE 9	---	0.378
GRADE 10	---	0.244
GRADE 11	---	0.088
GRADE 12	---	0.059
GRADE 13	---	0.005
CAAT 1	---	0.495
CAAT 2	---	0.687
CAAT 3	---	0.002
CAAT 4	---	0.646
UNIV 1	---	0.772
UNIV 2	---	0.523
UNIV 3	---	0.098
UNIV 4	---	0.496
UNIV 5	---	0.036
UNIV 6	---	0.439
UNIV 7	---	0.313
UNIV 8	---	0.313
UNIV 9	---	0.0
UNIV 10	---	0.0
EMPLOY	---	0.0
EMPLOY	---	0.007
EMPLOY	---	0.006
EMPLOY	---	0.002

# CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX





PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

[illegible]

GRADE 9	0.372
GRADE 10	0.959
GRADE 11	0.938
GRADE 12	0.644
GRADE 13	0.967
CAT 1	0.973
CAT 2	0.984
CAT 3	0.923
UNIV 1	0.982
UNIV 2	0.986
UNIV 3	0.985
UNIV 4	0.851
UNIV 5	0.978
UNIV 6	0.455
UNIV 7	0.977
UNIV 8	0.969
UNIV 9	0.955
UNIV 10	0.0
REFRAIN	0.0
EMPLOYED	0.266
UNEMPLOY	0.250
KLF	0.20

CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX

## F I R A L S T A T E S



PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE

# ATLANTA

3471511341

GRADE 9	---	0.963
GRADE 10	---	0.967
GRADE 11	---	0.950
GRADE 12	---	0.619
GRADE 13	---	0.283
CAAT 1	---	0.367
CAAT 2	---	0.980
CAAT 3	---	0.0
UNIV 1	---	0.984
UNIV 2	---	0.990
UNIV 3	---	0.980
UNIV 4	---	0.851
UNIV 5	---	0.957
UNIV 6	---	0.652
UNIV 7	---	0.969
UNIV 8	---	0.946
UNIV 9	---	0.942
UNIV 10	---	0.0
REFRAIN	---	0.0
EMPLOYED	---	0.010
UNEMPLOY	---	0.010
SELF	---	0.007

### CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX

FINAL STATES









MARITAL STATUS = SINGLE  
 SEX = FEMALE

## PROBABILITY OF MOVING INTO A SCHOOL STATE FROM THE INPUT STATE.

ALFRED  
STATE 1111

[illegible]

# CUMULATIVE VERSION OF NORMALIZED PROBABILITY MATRIX





MALE AGES 14

0.062300999	0.0	-0.062300999
0.844699979	0.0	-0.844699979
0.01569997	0.0	-0.015691999

MALE AGES 15-16

0.64935099	-0.003421000	-0.045829996
0.045351000	-0.005603997	-0.040345997
0.007977999	-0.000123000	-0.006954998

MALE AGES 17-19

-0.014463000	0.004508000	0.009954996
0.031545997	-0.049436997	0.014889996
0.003134000	-0.002336000	-0.000798000

MALE AGES 20-24

-0.006973997	0.002392000	0.004182000
0.037498099	-0.044072997	0.006573997
0.011588999	0.000028000	-0.011717997

MALE AGES 25-34

0.00753997	-0.007149998	0.000096000
0.074200999	-0.083946999	0.002766000
0.035970997	0.003290000	-0.039260998

MALE AGES 35-44

0.006434999	-0.006484997	0.000049000
0.07817864	-0.082977991	0.004159998
0.036499999	0.002203000	-0.038803998

MALE AGES 45-54

0.010514997	-0.008311998	-0.002204000
0.082791934	-0.083646993	0.000855000
0.050466999	0.006546998	-0.057014000



MALE AGES 65-69

0.007186998 -0.006545998 -0.000641000  
0.004402945 -0.0068524957 -0.003721000  
0.015552000 -0.001995000 -0.000646997

MALE AGES 65-69

-0.002222997 -0.000915997 0.0037188999  
0.016553999 -0.013149992 0.114644945  
-0.001163000 -0.000666000 0.001849000

FEMALE AGES 14

0.003763957 0.002249998 -0.112263978  
0.126799941 0.823699951 -0.950499952  
0.006986998 0.002800000 -0.009786997

FEMALE AGES 15-16

0.003693941 -0.005632997 -0.058061998  
-0.023202998 -0.032667998 -0.007964998  
0.007049996 0.000603000 -0.007553998

FEMALE AGES 17-19

0.007333998 -0.001715000 -0.006123997  
-0.007304000 0.004216999 0.003187000  
0.010781998 0.001169000 -0.011670999

FEMALE AGES 20-24

-0.002404000 0.004237000 -0.001833000  
-0.000125997 0.000200000 -0.000894000  
0.012399000 0.003496000 -0.017995990

FEMALE AGES 25-34

0.000966000 0.000492000 -0.010158997  
-0.027321000 0.031849999 -0.004528999  
0.017112996 0.002420000 -0.019533999

FEMALE AGES 35-44

0.028307997 0.000042000 -0.028348997  
-0.002070500 0.039699999 -0.018994000



-0.083335946	0.005709958	0.077539980
-0.328709983	0.456099957	-0.724299950
-0.001162000	0.000400000	0.000862000



DADJ MATRICES  
\*\*\*\*\*

MARITAL STATUS = OTHER

REGION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
ATLANTIC	-0.00380	0.01350	-0.02490	-0.00730	-0.02350	-0.01240	-0.03830	-0.03080	-0.05610	-0.04650	-0.03630	-0.05300
GULFREC	-0.02050	-0.01270	-0.01540	-0.01950	-0.00900	-0.02900	-0.01850	-0.01840	-0.03360	-0.02880	-0.03030	-0.02380
ONTARIO	-0.00420	-0.02270	0.00550	0.0	0.00080	-0.06320	0.00470	0.00660	0.01110	0.00370	-0.00360	-0.00630
PRARIES	0.02340	0.02110	0.00070	-0.00360	0.00060	-0.00140	-0.00070	-0.00240	0.00940	0.01010	-0.00220	0.01270
B.C.	-0.04000	-0.02590	-0.00550	-0.02350	-0.03210	-0.02920	-0.01240	-0.02440	-0.03370	-0.02300	-0.01850	-0.01640

DADJ MATRICES  
\*\*\*\*\*

MARITAL STATUS = MARRIED

REGION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
ATLANTIC	-0.00190	0.01140	0.00700	0.00040	0.00120	0.00040	0.00360	-0.06850	-0.02030	-0.01730	-0.01000	-0.01520
GULFREC	-0.00480	-0.00060	-0.00400	0.00030	0.00100	0.00110	-0.00240	-0.00210	-0.00540	-0.00260	-0.00250	-0.00320
ONTARIO	0.00780	0.00060	0.00690	0.00530	0.00540	0.01080	0.01210	0.01410	0.01710	0.00940	0.00760	0.00650
PRARIES	0.00990	0.01210	0.00660	0.00780	0.00940	0.00970	0.00430	0.00450	0.00650	0.00510	0.00960	0.00800
B.C.	-0.00590	-0.00260	-0.00220	0.00590	-0.00050	-0.00360	0.00170	-0.00270	0.00040	0.01170	0.0	-0.00090





RATIO ARRAY  
\*\*\*\*\*

	14	15-16	17-19	20-24	25-34	35-44	45-54	55-64	65+
TOT/TYPER	1.06	1.06	1.07	1.25	1.56	1.57	1.59	1.54	2.03
TP1/TYPER	0.06	0.06	0.07	0.25	0.56	0.57	0.59	0.54	1.03



APPENDIX E

THE MARKET INCOME BLOCK



APPENDIX E.1

DEFINITION OF THE PARAMETERS



## DEFINITION OF THE PARAMETERS

The following is a list of all the parameters that are used by the Market Income Block. The constant parameters are read in from a single tape and stored in the named Common Blocks. The variable parameters are read in from cards.

### 1. Constant Parameters

#### (a) COMMON/ALPHA/PENS (18,2,9)

PENS (I,J,K) is the cumulative probability that a person whose final earnings class is I and whose sex is J will have his pension equal to K - class percent of final annual earnings.

I =	1	<	2.5K\$	10	7-8K\$
	2		2.5-3K\$	11	8-9K\$
	3		3-3.5K\$	12	9-10K\$
	4		3.5-4K\$	13	10-11K\$
	5		4-4.5K\$	14	11-12K\$
	6		4.5-5K\$	15	12-13K\$
	7		5-5.5K\$	16	13-14K\$
	8		5.5-6K\$	17	14-15K\$
	9		6-7K\$	18	15K\$+

J = 1, Male

2, Female

K =	1	5%	4	35%	7	65%
	2	15%	5	45%	8	75%
	3	25%	6	55%	9	90%





(b) COMMON/BETA/ANWAGE (14,14,3,2)

ANWAGE (I,J,K,L) is the annual employment income transition array in real dollars (1970 dollars). For age class K and sex L, ANWAGE (I,J,K,L) is the cumulative probability of moving from income class I (where income is in 1970 dollars) in year t to income class J (1970 dollars) in year t+1.

I = Input income class (row of matrix)

1	1-999	8	7K-7999
2	1K-1999	9	8K-8999
3	2K-2999	10	9K-9999
4	3K-3999	11	10K-14999
5	4K-4999	12	15K-19999
6	5K-5999	13	20K-24999
7	6K-6999	14	25K+

J = Output income class (column of matrix)

- coded as above

K = Age class

1	14-35
2	36-45
3	46+

L = Sex

1	Male
2	Female



(c) COMMON/GAMMA/WEEKWG (10,10,4,2)

WEEKWG (I,J,K,L) is the weekly wage rate transition array in real (1969) dollars. For age class K and sex L, WEEKWG (I,J,K,L) is the cumulative probability of moving from wage class I (where the wage rate is stated in 1969 dollars) in year t to wage rate class J (1969 dollars) in year t+1.

I = Input wage class (row of matrix)

1	0	6	101-120
2	1-40	7	121-160
3	41-60	8	161-200
4	61-80	9	201-240
5	81-100	10	241+

J = Output wage class (column of matrix)

- coded as above

K = Age class

1	14-24	3	36-45
2	25-35	4	46+

L = Sex

1	Male
2	Female



(d) COMMON/DELTA/INITY (57,2,10,3,10)

INITY (I,J,K,L,M) is the mean full employment income in 1971 dollars for a person in age class I, sex J, education class K, marital status L, and province M.

I = Age

1 is age 14, 2 is 15 ..., 57 is 70

J = Sex

1 Male

2 Female

K = Education class

1 no school

2 some elementary

3 elementary complete

4 some high school

5 high school complete

6 some University

7 CAAT graduate

8 Bachelor's level

9 Master's

10 PHD



L = Marital Status

- 1 single
- 2 married
- 3 other

M = Province

- |   |        |     |       |
|---|--------|-----|-------|
| 1 | NFLD   | 6   | Ont.  |
| 2 | P.E.I. | 7   | Man.  |
| 3 | N.S.   | 8   | Sask. |
| 4 | N.B.   | 9   | Alta. |
| 5 | P.Q.   | 10. | B.C.  |

(e) COMMON/EPSILON/G (6,2,6)

G (I,J,K) is the one year exponential growth factor for real incomes for people in age class I, sex J, and education class K. If YREAL (t) is the mean constant dollar income in year t for a given class, then the constant dollar income in year t+n will be

$$\text{YREAL} (t+n) = \text{YREAL} (t) * e^{gn}$$

I = age group

- |   |       |   |       |
|---|-------|---|-------|
| 1 | 14-19 | 4 | 30-34 |
| 2 | 20-24 | 5 | 35-44 |
| 3 | 25-29 | 6 | 45+   |





J = Sex

- 1 male
- 2 female

K = education class

- |   |             |   |                     |
|---|-------------|---|---------------------|
| 1 | <gr 9       | 4 | some post-secondary |
| 2 | gr 9-11     | 5 | Univ. graduate      |
| 3 | gr 12 or 13 | 6 | post graduate       |

(f) COMMON/ZETA/DIVTRN (13,13,4), GNTRAN (13,13,4)  
DZERO (13,4,3,2), GZERO (13,4,3,2)

(i) DIVTRN (I,J,K) is the dividend cumulative transition matrix for people in age Class K.

I and J are the dividend classes:

- |   |          |    |       |
|---|----------|----|-------|
| 1 | 0        | 8  | 3K-4K |
| 2 | 1-250    | 9  | 4K-5K |
| 3 | 251-500  | 10 | 5K-6K |
| 4 | 501-750  | 11 | 6K-7K |
| 5 | 751-1000 | 12 | 7K-8K |
| 6 | 1K-2K    | 13 | 8K+   |
| 7 | 2K-3K    |    |       |

K = age class

- |   |       |   |       |
|---|-------|---|-------|
| 1 | 14-35 | 3 | 50-65 |
| 2 | 35-50 | 4 | 65+   |



(ii) GNTRAN (I,J,K) is the interest cumulative transition matrix for people in age class K. The indices are the same as for DIVTRN.

(iii) DZERO (I,J,K,L) is the cumulative probability of moving from initial dividend class L to dividend class I for people in age class J and income class K. The indices are as follows:

I = final dividend class

1	0	8	3K-4K
2	1-250	9	4K-5K
3	251-500	10	5K-6K
4	501-750	11	6K-7K
5	751-1K	12	7K-8K
6	1K-2K	13	8K+
7	2K-3K		

J = age class

1	14-35	3	50-65
2	35-50	4	65+

K = income class

1	0-7K
2	7K-15K
3	15K+



L = initial dividend class

1 = 0

2 = 1-250

(iv) GZERO (I,J,K,L) is the cumulative probability of moving from initial interest class L to interest class I for persons in age class J and total income class K. The indices are the same as the above.

## 2. Variable Parameters

(a) COMMON/ETA/KYR,RINFL

(i) KYR is the year being simulated (1972, etc.)

(ii) RINFL is the annual rate of inflation that is assumed to obtain from 1972 forward. It is expressed in percentage terms. For example, 6% inflation would be input as .06.



APPENDIX E.2

THE ESTIMATION OF TRANSITION MATRICES





## THE ESTIMATION OF TRANSITION MATRICES

1. The most direct method of estimating transition matrices is to obtain counts of the number of events that correspond to each cell of the matrix we are trying to derive. The probabilities are then obtained by simply dividing the number of counts in a given cell by the row total applicable to that cell. Usually, the counts are obtained from a sample of the population for which the matrix is to apply. A problem that arises in this procedure is that it is not obvious how large the sample should be so as to ensure that the sample parameters are a close approximation to the corresponding population parameters. This appendix addresses itself to this question.

2. Consider row  $i$  of the transition matrix and let  $P_{ij}$  be the probability that a person in that row will also be in column  $j$ . Then  $q_{ij} = 1 - P_{ij}$  will be the probability that he is in any other columns. To keep the notation simple we will write  $P$  and  $q$  for  $P_{ij}$  and  $q_{ij}$  in what follows.

In a sample of  $N$  people ( $N$  is the row total) let  $x$  be the number of people who fall into cell  $j$ . Then the distribution of  $x$  is binomial. Our problem is to determine how large  $N$  should be so as to ensure that  $x$  approximates the true population parameter, or to ensure that  $x/N$  approximates  $P$ .

3. More formally, let  $r$  be the sample estimate of  $P$ . We wish to choose  $N$  such that

$$-a \leq r - P \leq a$$

where  $a$  is the maximum value of the error that can be tolerated.



If  $N$  is large and if neither  $P$  nor  $q$  is too close to zero, the binomial distribution can be closely approximated by a normal distribution with standardized variable given by

$$Z = \frac{X - NP}{\sqrt{NPq}}$$

That is,  $Z$  is normally distributed with zero mean and variance one.

4. Dividing numerator and denominator by  $N$ , we have

$$Z = \frac{\frac{x}{N} - P}{\frac{\sqrt{Pq}}{\sqrt{N}}} = \frac{\frac{r}{N} - P}{\frac{\sqrt{Pq}}{\sqrt{N}}}$$

$$\text{If } -a < \frac{r}{N} - P < a$$

$$\text{Then } \frac{-a}{\frac{\sqrt{Pq}}{\sqrt{N}}} < Z < \frac{a}{\frac{\sqrt{Pq}}{\sqrt{N}}}$$

If we choose a confidence interval of  $b$ , what we wish is that

$$\text{Prob} \left\{ \frac{-a}{\frac{\sqrt{Pq}}{\sqrt{N}}} < Z < \frac{a}{\frac{\sqrt{Pq}}{\sqrt{N}}} \right\} = b$$

where  $Z$  is  $N(0,1)$

If  $b$  is .95 and  $a$  is .05 then

$$\frac{.05}{\frac{\sqrt{Pq}}{\sqrt{N}}} > 2$$

or

$$N = \frac{4Pq}{.0025}$$

Now  $Pq$  is a maximum when  $P = q = .5$

Thus, in general, it is necessary that

$$N > \frac{4(.25)}{.0025} = 400$$



That is, to ensure that with probability .95  $r$  is within the range  $P \pm .05$  it is necessary that there be 400 people in the row.

The number of people in the row depends on the size of error that we choose and the confidence interval we decide upon. Some of the possibilities are given in the table below.

Maximum Error				
		.01	.05	.1
Confidence Interval	.99	16,600	664	166
	.95	10,000	400	100
	.68	2,500	100	25

Number of people in a row to ensure given maximum error with given confidence.

It should be noted that the  $N$  specified above is a lower bound if the transition matrix has more than 2 columns. To say that we can be 95% confident of the error in a given element in a given row is not to say that we can have the same confidence in the whole row. The larger the row, the greater the number of observations required.



APPENDIX E.3

COMPUTER PROGRAM INCOME





LEVEL C  
MAIN PROGRAM READS PARAMETERS, CALCULATES CPI VECTOR, READS INDIVIDUAL RECORD, CALLS MAIN SUBROUTINE, AND WRITES INDIVIDUAL RECORD.

# INPUT VARIABLES

KYL THE YEAR FROM WHICH TRANSITIONS ARE TO OCCUR.  
RINFL THE RATE OF INFLATION FOR 1972 FORWARD  
IN PERCENTAGE TERMS. 6% INFLATION WOULD  
LE INPUT AS .06

DIMENSION MAC7(15)

THE UNIVERSITY OF CHICAGO

C. C. / UNIT / INT. IN. IAP. IAP. IAP. IAP.

CHAP. IV.

CONFIDENTIAL / RY, INFIL

(1) 1970-1971

UPL V. C. LYN

[illegible]

TYPI.

INTEGRATION REVIEW

WKNL, INC.

OTHER TOTAL

(c) [REDACTED]

REAL\*8 DPM1/TABLE

LIQUIVALENCE DATUM(I

11X=1234567

11. 11. 11.

C = 1.33

CALL PUBL. (PARTIAL) IN CONJ. W/ LUCK STATISTICS.

CALL FITCH

$$U(1) = \mathbb{R} \cdot \frac{1}{2} \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$
[illegible]

一、  
 二、  
 三、  
 四、  
 五、  
 六、  
 七、  
 八、  
 九、  
 十、

$$\psi(4) = 125.7$$

$\text{CFI}(\mathcal{L}) = 135.4$

LC 201-5.14

$$(\mathbf{I} + \mathbf{Z}^T \mathbf{Z})^{-1} \mathbf{Z}^T \mathbf{y}$$

Confidential

CONTINUE

 $\text{FACT}(I, L=9) \quad (\text{DATA}(\text{FACT}(I), I=1, 15))$ 

三三三

И. П. ПУШКИН

1111

1.  $\frac{1}{2}$   
 2.  $\frac{1}{4}$   
 3.  $\frac{1}{8}$   
 4.  $\frac{1}{16}$   
 5.  $\frac{1}{32}$   
 6.  $\frac{1}{64}$   
 7.  $\frac{1}{128}$   
 8.  $\frac{1}{256}$   
 9.  $\frac{1}{512}$   
 10.  $\frac{1}{1024}$   
 11.  $\frac{1}{2048}$   
 12.  $\frac{1}{4096}$   
 13.  $\frac{1}{8192}$   
 14.  $\frac{1}{16384}$   
 15.  $\frac{1}{32768}$   
 16.  $\frac{1}{65536}$   
 17.  $\frac{1}{131072}$   
 18.  $\frac{1}{262144}$   
 19.  $\frac{1}{524288}$   
 20.  $\frac{1}{1048576}$   
 21.  $\frac{1}{2097152}$   
 22.  $\frac{1}{4194304}$   
 23.  $\frac{1}{8388608}$   
 24.  $\frac{1}{16777216}$   
 25.  $\frac{1}{33554432}$   
 26.  $\frac{1}{67108864}$   
 27.  $\frac{1}{134217728}$   
 28.  $\frac{1}{268435456}$   
 29.  $\frac{1}{536870912}$   
 30.  $\frac{1}{1073741824}$   
 31.  $\frac{1}{2147483648}$   
 32.  $\frac{1}{4294967296}$   
 33.  $\frac{1}{8589934592}$   
 34.  $\frac{1}{17179869184}$   
 35.  $\frac{1}{34359738368}$   
 36.  $\frac{1}{68719476736}$   
 37.  $\frac{1}{137438953472}$   
 38.  $\frac{1}{274877906944}$   
 39.  $\frac{1}{549755813888}$   
 40.  $\frac{1}{1099511627776}$   
 41.  $\frac{1}{2199023255552}$   
 42.  $\frac{1}{4398046511104}$   
 43.  $\frac{1}{8796093022208}$   
 44.  $\frac{1}{17592186044416}$   
 45.  $\frac{1}{35184372088832}$   
 46.  $\frac{1}{70368744177664}$   
 47.  $\frac{1}{140737488355328}$   
 48.  $\frac{1}{281474976710656}$   
 49.  $\frac{1}{562949953421312}$   
 50.  $\frac{1}{1125899906842624}$   
 51.  $\frac{1}{2251799813685248}$   
 52.  $\frac{1}{4503599627370496}$   
 53.  $\frac{1}{9007199254740992}$   
 54.  $\frac{1}{18014398509481984}$   
 55.  $\frac{1}{36028797018963968}$   
 56.  $\frac{1}{72057594037927936}$   
 57.  $\frac{1}{144115188075855872}$   
 58.  $\frac{1}{288230376151711744}$   
 59.  $\frac{1}{576460752303423488}$   
 60.  $\frac{1}{1152921504606846976}$   
 61.  $\frac{1}{2305843009213693952}$   
 62.  $\frac{1}{4611686018427387904}$   
 63.  $\frac{1}{9223372036854775808}$   
 64.  $\frac{1}{18446744073709551616}$   
 65.  $\frac{1}{36893488147419103232}$   
 66.  $\frac{1}{73786976294838206464}$   
 67.  $\frac{1}{147573952589676412928}$   
 68.  $\frac{1}{295147905179352825856}$   
 69.  $\frac{1}{590295810358705651712}$   
 70.  $\frac{1}{1180591620717411303424}$   
 71.  $\frac{1}{2361183241434822606848}$   
 72.  $\frac{1}{4722366482869645213696}$   
 73.  $\frac{1}{9444732965739290427392}$   
 74.  $\frac{1}{18889465931478580854784}$   
 75.  $\frac{1}{37778931862957161709568}$   
 76.  $\frac{1}{75557863725914323419136}$   
 77.  $\frac{1}{151115727451828646838272}$   
 78.  $\frac{1}{302231454903657293676544}$   
 79.  $\frac{1}{604462909807314587353088}$   
 80.  $\frac{1}{1208925819614629174706176}$   
 81.  $\frac{1}{2417851639229258349412352}$   
 82.  $\frac{1}{4835703278458516698824704}$   
 83.  $\frac{1}{9671406556917033397649408}$   
 84.  $\frac{1}{19342813113834066795298816}$   
 85.  $\frac{1}{38685626227668133590597632}$   
 86.  $\frac{1}{77371252455336267181195264}$   
 87.  $\frac{1}{154742504910672534362390528}$   
 88.  $\frac{1}{309485009821345068724781056}$   
 89.  $\frac{1}{618970019642690137449562112}$   
 90.  $\frac{1}{1237940039285380274899124224}$   
 91.  $\frac{1}{2475880078570760549798248448}$   
 92.  $\frac{1}{4951760157141521099596496896}$   
 93.  $\frac{1}{9903520314283042199192993792}$   
 94.  $\frac{1}{19807040628566084398385987584}$   
 95.  $\frac{1}{39614081257132168796771975168}$   
 96.  $\frac{1}{79228162514264337593543950336}$   
 97.  $\frac{1}{158456325028528675187087900672}$   
 98.  $\frac{1}{316912650057057350374175801344}$   
 99.  $\frac{1}{633825300114114700748351602688}$   
 100.  $\frac{1}{1267650600228229401496703205376}$   
 101.  $\frac{1}{2535301200456458802993406410752}$   
 102.  $\frac{1}{5070602400912917605986812821504}$   
 103.  $\frac{1}{10141204801825835211973625643008}$   
 104.  $\frac{1}{20282409603651670423947251286016}$   
 105.  $\frac{1}{40564819207303340847894502572032}$   
 106.  $\frac{1}{81129638414606681695789005144064}$   
 107.  $\frac{1}{162259276829213363391578010288128}$   
 108.  $\frac{1}{324518553658426726783156020576256}$   
 109.  $\frac{1}{649037107316853453566312041152512}$   
 110.  $\frac{1}{1298074214633706907132624082305024}$   
 111.  $\frac{1}{2596148429267413814265248164610048}$   
 112.  $\frac{1}{5192296858534827628530496329220096}$   
 113.  $\frac{1}{10384593717069655257060992658440192}$   
 114.  $\frac{1}{20769187434139310514121985316880384}$   
 11

CALL KLUNTI

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CALL YOUNG (

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00000002  
WRITE (IPRT,15) ICNT,ITAP  
FORMAT(IH1,17,' RECORDS WRITTEN TO UNIT',15)  
CALL PFCNT  
CALL PRINT  
CALL EXIT  
END







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0003

BLACK DATA  
COMMON/PL/AJ,KT,US,REST  
FFAL#3 AJ(8,10)/

[illegible]

0004

[illegible]

551

[illegible]

0009

[illegible]























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IP=IP+1  
DO 10 (1OUT,10) TABLE(3),IP,(TYPE(1),I=1,4)  
DO 10 (1OUT,10) LANK,CLASS3(1),(KINTA(J,I,1),KINTA(J,I,2),  
1 J=1,4),(KINTA(J,I,1),KINTA(J,I,2),J=1,4)  
CONTINUE  
WRITE(1OUT,10) ((JINT(1,J),J=1,2),I=1,4)  
IP=IP+1  
DO 10 (1OUT,10) TABLE(4),IP,(TYPE(1),I=1,4)  
DO 10 (1OUT,10) LANK,CLASS3(1),(KINTA(J,I,1),KINTA(J,I,2),  
1 J=1,4),(KINTA(J,I,1),KINTA(J,I,2),J=1,4)  
CONTINUE  
WRITE(1OUT,10) ((JETH(1,J),J=1,2),I=1,4)  
IP=IP+1  
DO 10 (1OUT,10) TABLE(5),IP,(TYPE(1),I=1,4)  
DO 10 (1OUT,10) LANK,CLASS3(1),(KINTA(J,I,1),KINTA(J,I,2),  
1 J=1,4),(KINTA(J,I,1),KINTA(J,I,2),J=1,4)  
CONTINUE  
WRITE(1OUT,10) ((JUTH(1,J),J=1,2),I=1,4)  
RETURN  
END







0001	0001	0002000
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0008	0014000	0015000
0009	0016000	0017000
0010	0018000	0019000
0011	0020000	0021000
0012	0022000	0023000
0013	0024000	0025000
0014	0026000	0027000
0015	0028000	0029000
0016	0030000	0031000
0017	0032000	0033000
0018	0034000	0035000
0019	0036000	0037000
0020	0038000	0039000
0021	0040000	0041000
0022	0042000	0043000
0023	0044000	0045000
0024	0046000	0047000
0025	0048000	0049000
0026	0050000	0051000
0027	0052000	0053000
0028	0054000	0055000
0029	0056000	0057000
0030	0058000	0059000
0031	0060000	0061000
0032	0062000	0063000
0033	0064000	0065000
0034	0066000	0067000
0035	0068000	0069000
0036	0070000	0071000
0037	0072000	0073000
0038	0074000	0075000
0039	0076000	0077000
0040	0078000	0079000
0041	0080000	0081000
0042	0082000	0083000
0043	0084000	0085000
0044	0086000	0087000
0045	0088000	0089000
0046	0090000	0091000
0047	0092000	0093000
0048	0094000	0095000
0049	0096000	0097000
0050	0098000	0099000
0051	0100000	0101000
0052	0102000	0103000
0053	0104000	0105000
0054	0106000	0107000
0055	0108000	0109000
0056	0110000	0111000
0057	0112000	0113000
0058	0114000	0115000
0059	0116000	0117000
0060	0118000	0119000
0061	0120000	0121000
0062	0122000	0123000
0063	0124000	0125000
0064	0126000	0127000
0065	0128000	0129000
0066	0130000	0131000
0067	0132000	0133000
0068	0134000	0135000
0069	0136000	0137000
0070	0138000	0139000
0071	0140000	0141000
0072	0142000	0143000
0073	0144000	0145000
0074	0146000	0147000
0075	0148000	0149000
0076	0150000	0151000
0077	0152000	0153000
0078	0154000	0155000
0079	0156000	0157000
0080	0158000	0159000
0081	0160000	0161000
0082	0162000	0163000
0083	0164000	0165000
0084	0166000	0167000
0085	0168000	0169000
0086	0170000	0171000
0087	0172000	0173000
0088	0174000	0175000
0089	0176000	0177000
0090	0178000	0179000
0091	0180000	0181000
0092	0182000	0183000
0093	0184000	0185000
0094	0186000	0187000
0095	0188000	0189000
0096	0190000	0191000
0097	0192000	0193000
0098	0194000	0195000
0099	0196000	0197000
0100	0198000	0199000
0101	0200000	0201000
0102	0202000	0203000
0103	0204000	0205000
0104	0206000	0207000
0105	0208000	0209000
0106	0210000	0211000
0107	0212000	0213000
0108	0214000	0215000
0109	0216000	0217000
0110	0218000	0219000
0111	0220000	0221000
0112	0222000	0223000
0113	0224000	0225000
0114	0226000	0227000
0115	0228000	0229000
0116	0230000	0231000
0117	0232000	0233000
0118	0234000	0235000
0119	0236000	0237000
0120	0238000	0239000
0121	0240000	0241000
0122	0242000	0243000
0123	0244000	0245000
0124	0246000	0247000
0125	0248000	0249000
0126	0250000	0251000
0127	0252000	0253000
0128	0254000	0255000
0129	0256000	0257000
0130	0258000	0259000
0131	0260000	0261000
0132	0262000	0263000
0133	0264000	0265000
0134	0266000	0267000
0135	0268000	0269000
0136	0270000	0271000
0137	0272000	0273000
0138	0274000	0275000
0139	0276000	0277000
0140	0278000	0279000
0141	0280000	0281000
0142	0282000	0283000
0143	0284000	0285000
0144	0286000	0287000
0145	0288000	0289000
0146	0290000	0291000
0147	0292000	0293000
0148	0294000	0295000
0149	0296000	0297000
0150	0298000	0299000
0151	0300000	0301000
0152	0302000	0303000
0153	0304000	0305000
0154	0306000	0307000
0155	0308000	0309000
0156	0310000	0311000
0157	0312000	0313000
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0159	0316000	0317000
0160	0318000	0319000
0161	0320000	0321000
0162	0322000	0323000
0163	0324000	0325000
0164	0326000	0327000
0165	0328000	0329000
0166	0330000	0331000
0167	0332000	0333000
0168	0334000	0335000
0169	0336000	0337000
0170	0338000	0339000
0171	0340000	0341000
0172	0342000	0343000
0173	0344000	0345000
0174	0346000	0347000
0175	0348000	0349000
0176	0350000	0351000
0177	0352000	0353000
0178	0354000	0355000
0179	0356000	0357000
0180	0358000	0359000
0181	0360000	0361000
0182	0362000	0363000
0183	0364000	0365000
0184	0366000	0367000
0185	0368000	0369000
0186	0370000	0371000
0187	0372000	0373000
0188	0374000	0375000
0189	0376000	0377000
0190	0378000	0379000
0191	0380000	0381000
0192	0382000	0383000
0193	0384000	0385000
0194	0386000	0387000
0195	0388000	0389000
0196	0390000	0391000
0197	0392000	0393000
0198	0394000	0395000
0199	0396000	0397000
0200	0398000	0399000
0201	0400000	0401000
0202	0402000	0403000
0203	0404000	0405000
0204	0406000	0407000
0205	0408000	0409000
0206	0410000	0411000
0207	0412000	0413000
0208	0414000	0415000
0209	0416000	0417000
0210	0418000	0419000
0211	0420000	0421000
0212	0422000	0423000
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0215	0428000	0429000
0216	0430000	0431000
0217	0432000	0433000
0218	0434000	0435000
0219	0436000	0437000
0220	0438000	0439000
0221	0440000	0441000
0222	0442000	0443000
0223	0444000	0445000
0224	0446000	0447000
0225	0448000	0449000
0226	0450000	0451000
0227	0452000	0453000
0228	0454000	0455000
0229	0456000	0457000
0230	0458000	0459000
0231	0460000	0461000
0232	0462000	0463000
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0234	0466000	0467000
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0241	0480000	0481000
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0250	0498000	0499000
0251	0500000	0501000
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0253	0504000	0505000
0254	0506000	0507000
0255	0508000	0509000
0256	0510000	0511000
0257	0512000	0513000
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0259	0516000	0517000
0260	0518000	0519000
0261	0520000	0521000
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0263	0524000	0525000
0264	0526000	0527000
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0266	0530000	0531000
0267	0532000	0533000
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0270	0538000	0539000
0271	0540000	0541000
0272	0542000	0543000
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0276	0550000	0551000
0277	0552000	0553000
0278	0554000	0555000
0279	0556000	0557000
0280	0558000	0559000
0281	0560000	0561000
0282	0562000	0563000
0283	0564000	0565000
0284	0566000	0567000
0285	0568000	0569000
0286	0570000	0571000
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0297	0592000	0593000
0298	0594000	0595000
0299	0596000	0597000
0300	0598000	0599000
0301	0600000	0601000
0302	0602000	0603000
0303	0604000	0605000
0304	0606000	0607000
0305	0608000	0609000
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0310	0618000	0619000
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0321	0640000	0641000
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0323	0644000	0645000
0324	0646000	0647000
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0326	0650000	0651000
0327	0652000	0653000
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177-178.

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*[Faint vertical text, likely bleed-through from the reverse side]*

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      CALL IAS
      CALL CCONT
      ENDA(KTYPE,JUMP,IYR)=KUMPA(KTYPE,JUMP,IYR)+1
      ENDA(KTYPE,JUMP,IYR)=KLIYA(KTYPE,JUMP,IYR)+1
      ENDA(KTYPE,JINT,IYR)=KINTA(KTYPE,JINT,IYR)+1
      ENDA(KTYPE,JUT,IYR)=KUTA(KTYPE,JUT,IYR)+1
      ENDA(KTYPE,JUTH,IYR)=KUTHA(KTYPE,JUTH,IYR)+1
      RETURN
      END

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CALL YOUNG(INDY,AGE,SEX,KYR,KWAGE,WGNEW)

C PERSON IS CLASS B EMPLOYED

C 6 RETIRE=0

C NOTE THAT FOR CLASS B PERSONS,EMPINC IS NOW A WEEKLY RATE,HAVING BEEN  
C CONVERTED FROM AN ANNUAL RATE IN THE ACTIVITY BLOCK

C KWAGE=EMPINC  
C CALL WEEKLY(AGE,SEX,KYR,KWAGE,WGNEW)

C EMPINC=KWAGE\*WGNEMP

C EMPINC NOW SET TO ANNUAL RATE.WGNEW IS THE WEEKLY RATE,R IS THE ANNUAL  
C RATE.

C 60 TO 400

C PERSON RETIRES FOR FIRST TIME.NO PRIVATE PENSION.

C 7 EMPINC=0

C RETIRE=0  
C TYPE=TYPE/10  
C 60 TO 400

C PERSON RETIRES FOR FIRST TIME,MUST ESTABLISH INITIAL PENSION

C 8 CALL INITPN(EMPINC,SEX,RETIRE)

C EMPINC=0  
C TYPE=TYPE/10  
C 60 TO 400

C PERSON EMPLOYED FOR FIRST TIME.DETERMINE INITIAL INCOME

C 9 CALL YOUNG(INDY,AGE,SEX,EDUCTN,MSTAT,PROVIN,TYPE,KWAGE)

C EMPINC=KWAGE\*WGNEMP  
C IF (TYPE=60,240)EMPINC=KWAGE\*WGNEMP  
C TYPE=TYPE/10  
C 400 CONTINUE

C DETERMINE PROPERTY INCOME TRANSITIONS

C CALL FRTN(TOTAL,AGE,DIVORS,INTRCT,ADIV,PLAINT)  
C DIVORSE=ADIV  
C INTRCT=INTRCT

C INCREASE TOTAL OTHER MONEY INCOME BY CHANGE IN CPI

C RETIRE=RETIRE  
C SUM=SUM+(CPI(R)-CPI(R-1))

C SUM TO GET TOTAL INCOME

C TOTAL=EMPINC+TIP+INRS4+DIVORS+TIP



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1. (C. J. H. G.)  $\text{LiAlH}_4 \cdot 0$  (LiAlH<sub>4</sub>)

10



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0001      IF (I.EQ.1) THEN
0002          CALL ZEROP(13,4,3,2)
0003      ELSE
0004          CALL ZEROP(13,4,3,2)
0005      END IF
0006      CALL ZEROP(13,4,3,2)
0007      CALL ZEROP(13,4,3,2)
0008      CALL ZEROP(13,4,3,2)
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0028      CALL ZEROP(13,4,3,2)
0029      CALL ZEROP(13,4,3,2)
0030      CALL ZEROP(13,4,3,2)

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```
C (1)
C
C SUBROUTINE CALCULATES ANNUAL EMPLOY INCOME CHANGES FOR CLASS A PERSON
C INPUT VARIABLES
C
C ANNEX (1,3,5,6,7)
C
C I=INPUT INCOME CLASS (ROW OF MATRIX)
C 1 0-99 6 5K-5999 11 10K-14999
C 2 1K-1999 7 6K-6999 12 15K-19999
C 3 2K-2999 8 7K-7999 13 20K-24999
C 4 3K-3999 9 8K-8999 14 25K+
C 5 4K-4999 10 9K-9999
C
C J=OUTPUT INCOME CLASS (COLUMN OF MATRIX)
C CODED AS ABOVE
C
C K=AGE CLASS 1 14-35 2 36-45 3 46+
C
C L=SEX 1 MALE 2 FEMALE
C
C THE MAXIMUM ANNUAL WAGE IN WAGE CLASS I
C
C CPI(I)
C THE CONSUMER PRICE INDEX IN YEAR I, THE BASE YEAR
C (CPI=100.) IS 1961.1=1 FOR 1967.1=15 FOR 1981
C THE PERSON'S AGE IN YEARS
C
C C=TYPE
C 1 YOUNG (1971-1980) FROM WHICH TRANSITION IS
C TO OCCUR
C 2 THE PERSON'S SEX
C 3 MALE, FEMALE
C THE INPUT ANNUAL EMPLOYMENT INCOME
C
C OUTPUT VARIABLES
C
C ANNEX
C OUTPUT MONEY ANNUAL EMPLOY INCOME (CURRENT $)
C
C IFR
C ERROR MESSAGE
C 0 NO ERROR
C 1 AGE LESS THAN 14
C
C DATA ANNEX/999..1999..2999..3999..4999..5999..6999..7999..8999..
C 9999..14999..19999..24999..29999..
C C=ANNEX/1127..1127..1127..1127..1127..1127..1127..1127..1127..1127..
C INPUT EMPLOY INCOME CLASS
C
C FIND AGE CLASS
C
C NAC=1
C IF (PAY*61.50)NAC=2
```







0002

INPUT VARIABLES

ITOT THE PERSON'S TOTAL INCOME IN YEAR T  
IAGE THE PERSON'S AGE IN YEAR T  
IDIV THE PERSON'S DIVIDENDS IN YEAR T  
INT THE PERSON'S INTEREST INCOME IN YEAR T

CONTINUE

DIVTRN(I,J,K) FOR PEOPLE IN AGE CLASS K, THE PROBABILITY OF MOVING  
TO DIVIDEND CLASS J IN YEAR T TO DIVIDEND CLASS

J IN YEAR T+1.

I, J ARE THE DIVIDEND CLASSES

1	0	1K-2K	11	6K-7K	
2	1-250	7	2K-3K	12	7K-8K
3	251-500	8	3K-4K	13	8K+
4	501-750	9	4K-5K		
5	751-1000	10	5K-6K		

K ARE AGE CLASSES

1	14-35	3	51-65
2	36-50	4	65+

INTLAS(I,J,K) THE INTEREST TRANSITION MATRIX FOR PEOPLE IN  
AGE CLASS K, THE INDICES ARE THE SAME AS FOR DIVTRN

CONTINUE

DETCO(I,J,K,L) THE PROBABILITY OF MOVING FROM INITIAL DIVIDEND L TO  
DIVIDEND CLASS J FOR PEOPLE IN AGE CLASS K AND

TOTAL INCOME CLASS K

I, J ARE DIVIDEND CLASSES

1	0	6	1K-2K	11	6K-7K
2	1-250	7	2K-3K	12	7K-8K
3	251-500	8	3K-4K	13	8K+
4	501-750	9	4K-5K		
5	751-1K	10	5K-6K		

J= AGE CLASS

1	14-35	3	51-65
2	36-50	4	65+

K= INCOME CLASS

1	0-7K
2	7K-15K
3	15K+

L= INITIAL DIVIDEND CLASS

1	0
2	1-250

DETCO(I,J,K,L) THE SAME AS DETCO, EXCEPT FOR INITIAL

CONTINUE

DETCO(I,J,K,L)

0004









```

0041      C PERSON HAS INITIAL DIVIDENDS GREATER THAN 250.DETERMINE TRANSITION
0042      C
0043      6 DO 200 I=1,10
0044      K=1
0045      IF (DIV.LE.JPROP(I)) GO TO 301
0046      CONTINUE
0047      NDIV=15
0048      GO TO 302
0049      301 NDIV=K+1
0050      302 CONTINUE
0051      C
0052      DO 200 I=1,15
0053      K=1
0054      IF (D.LV.DIVTRM(NDIV,I,NAGE)) GO TO 303
0055      CONTINUE
0056      303 NEWDIV=JJ(K)
0057      7 CONTINUE
0058      C
0059      C INTEREST SECTION...BRANCH FOR INITIAL INTEREST BELOW OR ABOVE 250
0060      C
0061      IF (INT-250) 8,9,9
0062      C
0063      8 ICODE=1
0064      IF (INT.GT.6) IPAGE=2
0065      DO 100 I=1,15
0066      K=1
0067      IF (S.LE.OZER(I,NAGE,NINC,IEGN)) GO TO 304
0068      CONTINUE
0069      100 I=1-JJ(K)
0070      GO TO 10
0071      C
0072      C PERSON HAS INTEREST IF CODE GREATER THAN 250
0073      C
0074      9 DO 200 I=1,10
0075      K=1
0076      IF (INT.LE.JPROP(I)) GO TO 305
0077      CONTINUE
0078      NDIV=15
0079      GO TO 306
0080      305 NDIV=K+1
0081      306 CONTINUE
0082      C
0083      DO 207 I=1,15
0084      K=1
0085      IF (S.LV.CONTRM(NINT,I,NAGE)) GO TO 307
0086      CONTINUE
0087      307 NMINI=JJ(K)
0088      10 CONTINUE
0089      C
0090      RETURN
0091      END

```



APPENDIX E.4

MARKET INCOME BLOCK DATA







PROVINCE = Nfld.

MARITAL STATUS = SINGLE

SFY = SALE

EDUCATION ----->

AGE	NC SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GRD	BACH LEV	MAST LEV	PWD
14	1375	2277	2727	3352	4190	3769	3472	4052	4231	4065
15	1375	2277	2727	3352	4190	3769	3472	4052	4231	4065
16	1375	2277	2727	3352	4190	3769	3472	4052	4231	4065
17	1375	2277	2727	3352	4190	3769	3472	4052	4231	4065
18	1375	2277	2727	3352	4190	3769	3472	4052	4231	4065
19	1375	2277	2727	3352	4190	3769	3472	4052	4231	4065
20	1375	2277	2727	3352	4190	3769	3472	4052	4231	4065
21	1699	2420	2853	4677	5367	3771	3472	4052	4231	4065
22	2023	2563	2980	6002	6545	3774	3472	4052	4231	4065
23	2137	2586	3145	5909	6559	4100	3806	4441	4596	4567
24	2251	2610	3311	5816	6574	4427	4140	4831	4962	5069
25	2366	2633	3477	5723	6588	4753	4474	5221	5327	5571
26	2480	2657	3643	5631	6603	4808	4808	5611	5693	6073
27	2594	2681	3809	5538	6618	5407	5142	6000	6059	6575
28	2709	2704	3975	5445	6632	5733	5476	6390	6424	7077
29	2823	2728	4141	5352	6647	6060	5810	6790	6790	7579
30	2938	2752	4307	5260	6662	6387	6144	7170	7156	8081
31	3088	2839	4409	5268	6715	6477	6517	7606	7583	8510
32	3239	2927	4512	5277	6769	6568	6891	8042	8010	8940
33	3389	3014	4615	5286	6823	6658	7245	8478	8437	9370
34	3540	3102	4717	5294	6877	6749	7638	8914	8964	9799
35	3691	3190	4820	5303	6931	6839	8012	9350	9291	10229
36	3841	3277	4923	5312	6984	6930	8386	9786	9719	10669
37	3992	3365	5025	5320	7038	7020	8759	10222	10145	11088
38	4142	3452	5128	5329	7092	7111	9133	10694	10572	11518
39	4293	3540	5231	5338	7146	7201	9507	11094	10990	11938
40	4444	3628	5334	5347	7200	7292	9881	11530	11426	12378
41	4595	3701	5437	5411	7257	7601	9960	11962	11507	12854
42	4746	3775	5529	5475	7315	7911	9960	12378	11507	13354
43	4899	3848	5621	5539	7373	8221	10039	12790	11588	13854
44	5052	3922	5714	5603	7431	8531	10118	13206	11670	14354
45	5205	4052	5807	5668	7489	8841	10197	13622	11751	14854
46	5358	4182	5900	5732	7546	9151	10276	14038	11833	15354
47	5511	4312	6000	5796	7604	9461	10355	14454	11914	15854
48	5664	4443	6100	5860	7662	9771	10434	14870	12077	16354
49	5817	4573	6200	5924	7720	10081	10513	15286	12158	16854









PROVINCE = AFLO.

MARITAL STATUS = SINGLE

SEX = FEMALE

EDUCATION

AGE	NC SCH	SOME HLE	COMP ELF	SOME HS	COMP HS	SOME UNI	CAAT GRD	HACH	MAST LFV	PWD
14	874	857	1098	2044	2076	7922	5264	6143	6414	6162
15	874	857	1098	2044	2076	7922	5264	6143	6414	6162
16	874	857	1098	2044	2076	7922	5264	6143	6414	6162
17	874	857	1098	2044	2076	7922	5264	6143	6414	6162
18	874	857	1098	2044	2076	7922	5264	6143	6414	6162
19	874	857	1098	2044	2076	7922	5264	6143	6414	6162
20	874	857	1098	2044	2076	7922	5264	6143	6414	6162
21	874	857	1098	2044	2076	7922	5264	6143	6414	6162
22	874	857	1098	2044	2076	7922	5264	6143	6414	6162
23	874	857	1098	2044	2076	7922	5264	6143	6414	6162
24	874	857	1098	2044	2076	7922	5264	6143	6414	6162
25	874	857	1098	2044	2076	7922	5264	6143	6414	6162
26	874	857	1098	2044	2076	7922	5264	6143	6414	6162
27	874	857	1098	2044	2076	7922	5264	6143	6414	6162
28	874	857	1098	2044	2076	7922	5264	6143	6414	6162
29	874	857	1098	2044	2076	7922	5264	6143	6414	6162
30	874	857	1098	2044	2076	7922	5264	6143	6414	6162
31	874	857	1098	2044	2076	7922	5264	6143	6414	6162
32	874	857	1098	2044	2076	7922	5264	6143	6414	6162
33	874	857	1098	2044	2076	7922	5264	6143	6414	6162
34	874	857	1098	2044	2076	7922	5264	6143	6414	6162
35	874	857	1098	2044	2076	7922	5264	6143	6414	6162
36	874	857	1098	2044	2076	7922	5264	6143	6414	6162
37	874	857	1098	2044	2076	7922	5264	6143	6414	6162
38	874	857	1098	2044	2076	7922	5264	6143	6414	6162
39	874	857	1098	2044	2076	7922	5264	6143	6414	6162
40	874	857	1098	2044	2076	7922	5264	6143	6414	6162
41	874	857	1098	2044	2076	7922	5264	6143	6414	6162
42	874	857	1098	2044	2076	7922	5264	6143	6414	6162
43	874	857	1098	2044	2076	7922	5264	6143	6414	6162
44	874	857	1098	2044	2076	7922	5264	6143	6414	6162
45	874	857	1098	2044	2076	7922	5264	6143	6414	6162
46	874	857	1098	2044	2076	7922	5264	6143	6414	6162
47	874	857	1098	2044	2076	7922	5264	6143	6414	6162
48	874	857	1098	2044	2076	7922	5264	6143	6414	6162
49	874	857	1098	2044	2076	7922	5264	6143	6414	6162









MEAN FULL EMPLOYMENT INCOME

PROVINCE = NFD.

MARITAL STATUS = MARRIED

SEX = MALE

EDUCATION ----->

AGE	NR	SCH	SOME	FLF	COMP	FLF	SOME	HS	COMP	HS	SOME	UNI	CAAT	GRD	RACH	LEV	MAST	LEV	PHD
14	1375	2277	2727	3352	4190	3769	4622	5394	5632	5411	5411	5411	5411	5411	5411	5411	5411	5411	5411
15	1375	2277	2727	3352	4190	3769	4622	5394	5632	5411	5411	5411	5411	5411	5411	5411	5411	5411	5411
16	1375	2277	2727	3352	4190	3769	4622	5394	5632	5411	5411	5411	5411	5411	5411	5411	5411	5411	5411
17	1375	2277	2727	3352	4190	3769	4622	5394	5632	5411	5411	5411	5411	5411	5411	5411	5411	5411	5411
18	1375	2277	2727	3352	4190	3769	4622	5394	5632	5411	5411	5411	5411	5411	5411	5411	5411	5411	5411
19	1375	2277	2727	3352	4190	3769	4622	5394	5632	5411	5411	5411	5411	5411	5411	5411	5411	5411	5411
20	1375	2277	2727	3352	4190	3769	4622	5394	5632	5411	5411	5411	5411	5411	5411	5411	5411	5411	5411
21	1699	3105	3427	3702	4357	4946	5110	5598	6086	7798	7761	7723	7685	7647	7610	7573	7536	7500	7463
22	2023	4127	4399	4671	4944	5216	5488	5761	6033	6306	6579	6851	7124	7397	7670	7943	8216	8489	8762
23	2256	4147	4361	4575	4789	5003	5217	5431	5646	5861	6075	6289	6503	6717	6931	7145	7359	7573	7787
24	2490	4575	4789	5003	5217	5431	5646	5861	6075	6289	6503	6717	6931	7145	7359	7573	7787	8001	8215
25	2723	5003	5217	5431	5646	5861	6075	6289	6503	6717	6931	7145	7359	7573	7787	8001	8215	8429	8643
26	2957	5431	5646	5861	6075	6289	6503	6717	6931	7145	7359	7573	7787	8001	8215	8429	8643	8857	9071
27	3190	5861	6075	6289	6503	6717	6931	7145	7359	7573	7787	8001	8215	8429	8643	8857	9071	9285	9499
28	3424	6289	6503	6717	6931	7145	7359	7573	7787	8001	8215	8429	8643	8857	9071	9285	9499	9713	9927
29	3657	6691	6905	7119	7333	7547	7761	7975	8189	8403	8617	8831	9045	9259	9473	9687	9901	10115	10329
30	3891	7119	7333	7547	7761	7975	8189	8403	8617	8831	9045	9259	9473	9687	9901	10115	10329	10543	10757
31	4124	7547	7761	7975	8189	8403	8617	8831	9045	9259	9473	9687	9901	10115	10329	10543	10757	10971	11185
32	4358	7975	8189	8403	8617	8831	9045	9259	9473	9687	9901	10115	10329	10543	10757	10971	11185	11399	11613
33	4592	8403	8617	8831	9045	9259	9473	9687	9901	10115	10329	10543	10757	10971	11185	11399	11613	11827	12041
34	4826	8831	9045	9259	9473	9687	9901	10115	10329	10543	10757	10971	11185	11399	11613	11827	12041	12255	12469
35	5060	9259	9473	9687	9901	10115	10329	10543	10757	10971	11185	11399	11613	11827	12041	12255	12469	12683	12897
36	5294	9687	9901	10115	10329	10543	10757	10971	11185	11399	11613	11827	12041	12255	12469	12683	12897	13111	13325
37	5528	10115	10329	10543	10757	10971	11185	11399	11613	11827	12041	12255	12469	12683	12897	13111	13325	13539	13753
38	5762	10543	10757	10971	11185	11399	11613	11827	12041	12255	12469	12683	12897	13111	13325	13539	13753	13967	14181
39	5996	10971	11185	11399	11613	11827	12041	12255	12469	12683	12897	13111	13325	13539	13753	13967	14181	14395	14609
40	6230	11399	11613	11827	12041	12255	12469	12683	12897	13111	13325	13539	13753	13967	14181	14395	14609	14823	15037
41	6464	11827	12041	12255	12469	12683	12897	13111	13325	13539	13753	13967	14181	14395	14609	14823	15037	15251	15465
42	6698	12255	12469	12683	12897	13111	13325	13539	13753	13967	14181	14395	14609	14823	15037	15251	15465	15679	15893
43	6932	12683	12897	13111	13325	13539	13753	13967	14181	14395	14609	14823	15037	15251	15465	15679	15893	16107	16321
44	7166	13111	13325	13539	13753	13967	14181	14395	14609	14823	15037	15251	15465	15679	15893	16107	16321	16535	16749
45	7400	13539	13753	13967	14181	14395	14609	14823	15037	15251	15465	15679	15893	16107	16321	16535	16749	16963	17177
46	7634	13967	14181	14395	14609	14823	15037	15251	15465	15679	15893	16107	16321	16535	16749	16963	17177	17391	17605
47	7868	14395	14609	14823	15037	15251	15465	15679	15893	16107	16321	16535	16749	16963	17177	17391	17605	17819	18033
48	8102	14823	15037	15251	15465	15679	15893	16107	16321	16535	16749	16963	17177	17391	17605	17819	18033	18247	18461
49	8336	15251	15465	15679	15893	16107	16321	16535	16749	16963	17177	17391	17605	17819	18033	18247	18461	18675	18889





51	3001	4037	6140	7127	8225	11501	14709	17224	19540
52	3001	4037	6044	7187	8225	11501	14709	17224	19540
53	3001	4037	5891	7217	8225	11501	14709	17224	19540
54	3001	4037	5739	7247	8225	11501	14709	17224	19540
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56	3001	4037	5434	7306	8225	11501	14709	17224	19540
57	3001	4037	5282	7336	8225	11501	14709	17224	19540
58	3001	4037	5129	7366	8225	11501	14709	17224	19540
59	3001	4037	4977	7396	8225	11501	14709	17224	19540
60	3001	4037	4825	7426	8225	11501	14709	17224	19540
61	3001	4037	4750	7454	8225	11501	14709	17224	19540
62	3001	4037	4675	7483	8225	11501	14709	17224	19540
63	3001	4037	4601	7511	8225	11501	14709	17224	19540
64	3001	4037	4526	7540	8225	11501	14709	17224	19540
65	3001	4037	4452	7568	8225	11501	14709	17224	19540
66	3001	4037	4377	7597	8225	11501	14709	17224	19540
67	3001	4037	4302	7625	8225	11501	14709	17224	19540
68	3001	4037	4228	7654	8225	11501	14709	17224	19540
69	3001	4037	4153	7682	8225	11501	14709	17224	19540
70	3001	4037	4079	7711	8225	11501	14709	17224	19540



PROVINCE = N.F.L.

MARITAL STATUS = MARRIED

SFX = FEMALE

EDUCATION

AGE	NC SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT	GRD	BACH	MAST	LEV	PHD
14	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
15	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
16	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
17	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
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19	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
20	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
21	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
22	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
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32	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
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35	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
36	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
37	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
38	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
39	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
40	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
41	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
42	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
43	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
44	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
45	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
46	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
47	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
48	874	857	1098	2044	2076	7922	5624	5624	6563	6853	6584	6584
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64	1177	1090	3155	3693	4893	6090	7107	8005	9127
65	1177	1090	3155	3693	4893	6090	7107	8005	9127
66	1177	1090	3155	3693	4893	6090	7107	8005	9127
67	1177	1090	3155	3693	4893	6090	7107	8005	9127
68	1177	1090	3155	3693	4893	6090	7107	8005	9127
69	1177	1090	3155	3693	4893	6090	7107	8005	9127
70	1177	1090	3155	3693	4893	6090	7107	8005	9127
71	1177	1090	3155	3693	4893	6090	7107	8005	9127
72	1177	1090	3155	3693	4893	6090	7107	8005	9127
73	1177	1090	3155	3693	4893	6090	7107	8005	9127
74	1177	1090	3155	3693	4893	6090	7107	8005	9127
75	1177	1090	3155	3693	4893	6090	7107	8005	9127
76	1177	1090	3155	3693	4893	6090	7107	8005	9127
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78	1177	1090	3155	3693	4893	6090	7107	8005	9127
79	1177	1090	3155	3693	4893	6090	7107	8005	9127
80	1177	1090	3155	3693	4893	6090	7107	8005	9127
81	1177	1090	3155	3693	4893	6090	7107	8005	9127
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83	1177	1090	3155	3693	4893	6090	7107	8005	9127
84	1177	1090	3155	3693	4893	6090	7107	8005	9127
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86	1177	1090	3155	3693	4893	6090	7107	8005	9127
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90	1177	1090	3155	3693	4893	6090	7107	8005	9127
91	1177	1090	3155	3693	4893	6090	7107	8005	9127
92	1177	1090	3155	3693	4893	6090	7107	8005	9127
93	1177	1090	3155	3693	4893	6090	7107	8005	9127
94	1177	1090	3155	3693	4893	6090	7107	8005	9127
95	1177	1090	3155	3693	4893	6090	7107	8005	9127
96	1177	1090	3155	3693	4893	6090	7107	8005	9127
97	1177	1090	3155	3693	4893	6090	7107	8005	9127
98	1177	1090	3155	3693	4893	6090	7107	8005	9127
99	1177	1090	3155	3693	4893	6090	7107	8005	9127
100	1177	1090	3155	3693	4893	6090	7107	8005	9127





PROVINCE = NFD.

MARITAL STATUS = OTHER

SEX = MALE

EDUCATION ----->

AGE	NO SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GRD	BACH	IFV	MAST	LEV	PHD
14	1375	2277	2727	3352	4190	3769	4230	4936	5154	4951	4951	4951
15	1375	2277	2727	3352	4190	3769	4230	4936	5154	4951	4951	4951
16	1375	2277	2727	3352	4190	3769	4230	4936	5154	4951	4951	4951
17	1375	2277	2727	3352	4190	3769	4230	4936	5154	4951	4951	4951
18	1375	2277	2727	3352	4190	3769	4230	4936	5154	4951	4951	4951
19	1375	2277	2727	3352	4190	3769	4230	4936	5154	4951	4951	4951
20	1375	2277	2727	3352	4190	3769	4230	4936	5154	4951	4951	4951
21	1699	2671	3104	5126	5636	4039	4230	4936	5154	4951	4951	4951
22	2023	3066	3481	6900	7083	4309	4230	4936	5154	4951	4951	4951
23	2219	3317	3924	6799	7059	4845	4721	5509	5697	5673	5673	5673
24	2416	3569	4368	6699	7035	5381	5212	6082	6241	6396	6396	6396
25	2612	3820	4811	6599	7011	5917	5703	6666	6789	7119	7119	7119
26	2809	4072	5255	6499	6988	6454	6195	7229	7329	7842	7842	7842
27	3006	4323	5659	6399	6964	6990	6686	7802	7872	8564	8564	8564
28	3202	4575	6142	6299	6940	7526	7177	8376	8416	9287	9287	9287
29	3399	4826	6586	6199	6916	8062	7668	8949	8960	10010	10010	10010
30	3596	5078	7030	6099	6893	8599	8160	9523	9504	10733	10733	10733
31	3793	5331	7477	6000	6869	9148	8366	10366	9738	10943	10943	10943
32	3990	5583	7927	6000	6956	9698	8577	10999	9973	11154	11154	11154
33	4187	5835	8381	6000	7047	10247	8786	11632	10208	11364	11364	11364
34	4384	6087	8837	6000	7131	10791	8995	12265	10442	11575	11575	11575
35	4581	6339	9297	6000	7215	11336	9204	12897	10677	11785	11785	11785
36	4778	6591	9767	6000	7292	11881	9413	13529	10912	11996	11996	11996
37	4975	6843	10247	6000	7369	12426	9622	14166	11146	12206	12206	12206
38	5172	7095	10727	6000	7446	12971	9831	14809	11381	12417	12417	12417
39	5369	7347	11207	6000	7523	13516	10040	15452	11616	12627	12627	12627
40	5566	7599	11687	6000	7600	14061	10249	16095	11851	12838	12838	12838
41	5763	7851	12167	6000	7677	14586	10458	16738	11534	12564	12564	12564
42	5960	8103	12647	6000	7754	15111	10667	17381	11217	12280	12280	12280
43	6157	8355	13127	6000	7831	15636	10876	18024	10900	12016	12016	12016
44	6354	8607	13607	6000	7908	16161	11085	18667	10583	11733	11733	11733
45	6551	8859	14087	6000	7985	16686	11294	19310	10267	11469	11469	11469
46	6748	9111	14567	6000	8062	17211	11503	19953	9950	11195	11195	11195
47	6945	9363	15047	6000	8139	17712	11712	20596	9633	10922	10922	10922
48	7142	9615	15527	6000	8216	18213	11921	21239	9316	10648	10648	10648
49	7339	9867	16007	6000	8293	18734	12130	21882	8999	10374	10374	10374









PROVINCE = Nfld.

MARITAL STATUS = OTHER

SEX = FEMALE

EDUCATION ->

AGE	NO SCH	SOME FLE	COMP FLE	SOME HS	COMP HS	SOME UNI	CAAT GRD	BACH LEV	MAST LEV	DHD
14	874	857	1098	2044	2076	7922	5445	6334	6634	6373
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16	874	857	1098	2044	2076	7922	5445	6334	6634	6373
17	874	857	1098	2044	2076	7922	5445	6334	6634	6373
18	874	857	1098	2044	2076	7922	5445	6334	6634	6373
19	874	857	1098	2044	2076	7922	5445	6334	6634	6373
20	874	857	1098	2044	2076	7922	5445	6334	6634	6373
21	874	857	1098	2044	2076	7922	5445	6334	6634	6373
22	874	857	1098	2044	2076	7922	5445	6334	6634	6373
23	874	857	1098	2044	2076	7922	5445	6334	6634	6373
24	874	857	1098	2044	2076	7922	5445	6334	6634	6373
25	874	857	1098	2044	2076	7922	5445	6334	6634	6373
26	874	857	1098	2044	2076	7922	5445	6334	6634	6373
27	874	857	1098	2044	2076	7922	5445	6334	6634	6373
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29	874	857	1098	2044	2076	7922	5445	6334	6634	6373
30	874	857	1098	2044	2076	7922	5445	6334	6634	6373
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36	874	857	1098	2044	2076	7922	5445	6334	6634	6373
37	874	857	1098	2044	2076	7922	5445	6334	6634	6373
38	874	857	1098	2044	2076	7922	5445	6334	6634	6373
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46	874	857	1098	2044	2076	7922	5445	6334	6634	6373
47	874	857	1098	2044	2076	7922	5445	6334	6634	6373
48	874	857	1098	2044	2076	7922	5445	6334	6634	6373
49	874	857	1098	2044	2076	7922	5445	6334	6634	6373















60	1117	3707	4810	4758	7038	7072	1110
61	1116	3704	4810	4758	7038	7072	1111
62	1115	3701	4810	4758	7038	7072	1112
63	1114	3698	4810	4758	7038	7072	1113
64	1113	3695	4810	4758	7038	7072	1114
65	1112	3692	4810	4758	7038	7072	1115
66	1111	3689	4810	4758	7038	7072	1116
67	1110	3686	4810	4758	7038	7072	1117
68	1109	3683	4810	4758	7038	7072	1118
69	1108	3680	4810	4758	7038	7072	1119
70	1107	3677	4810	4758	7038	7072	1120
71	1106	3674	4810	4758	7038	7072	1121
72	1105	3671	4810	4758	7038	7072	1122
73	1104	3668	4810	4758	7038	7072	1123
74	1103	3665	4810	4758	7038	7072	1124
75	1102	3662	4810	4758	7038	7072	1125
76	1101	3659	4810	4758	7038	7072	1126
77	1100	3656	4810	4758	7038	7072	1127
78	1099	3653	4810	4758	7038	7072	1128
79	1098	3650	4810	4758	7038	7072	1129
80	1097	3647	4810	4758	7038	7072	1130
81	1096	3644	4810	4758	7038	7072	1131
82	1095	3641	4810	4758	7038	7072	1132
83	1094	3638	4810	4758	7038	7072	1133
84	1093	3635	4810	4758	7038	7072	1134
85	1092	3632	4810	4758	7038	7072	1135
86	1091	3629	4810	4758	7038	7072	1136
87	1090	3626	4810	4758	7038	7072	1137
88	1089	3623	4810	4758	7038	7072	1138
89	1088	3620	4810	4758	7038	7072	1139
90	1087	3617	4810	4758	7038	7072	1140
91	1086	3614	4810	4758	7038	7072	1141
92	1085	3611	4810	4758	7038	7072	1142
93	1084	3608	4810	4758	7038	7072	1143
94	1083	3605	4810	4758	7038	7072	1144
95	1082	3602	4810	4758	7038	7072	1145
96	1081	3599	4810	4758	7038	7072	1146
97	1080	3596	4810	4758	7038	7072	1147
98	1079	3593	4810	4758	7038	7072	1148
99	1078	3590	4810	4758	7038	7072	1149
100	1077	3587	4810	4758	7038	7072	1150



NEAR FULL EMPLOYMENT TO GO

PROVINCE = C.E.I.

MARITAL STATUS = SINGLE

SEX = FEMALE

EDUCATION ->

AGE	NC SCH	SOME ELF	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GRD	RACH LFV	MAST LFV	PHD
14	673	660	846	1797	1824	3566	4438	5179	5407	5195
15	673	660	846	1797	1824	3566	4438	5179	5407	5195
16	673	660	846	1797	1824	3566	4438	5179	5407	5195
17	673	660	846	1797	1824	3566	4438	5179	5407	5195
18	673	660	846	1797	1824	3566	4438	5179	5407	5195
19	673	660	846	1797	1824	3566	4438	5179	5407	5195
20	673	660	846	1797	1824	3566	4438	5179	5407	5195
21	697	882	938	2116	2225	3594	4438	5179	5407	5195
22	721	1105	1031	2436	2626	3623	4438	5179	5407	5195
23	821	1113	1157	2511	2816	3637	4438	5179	5407	5195
24	821	1121	1283	2586	3027	3661	4438	5179	5407	5195
25	1021	1130	1409	2602	3167	3666	4438	5179	5407	5195
26	1121	1138	1535	2737	3388	3680	4438	5179	5407	5195
27	1221	1146	1661	2812	3579	3694	4438	5179	5407	5195
28	1321	1155	1787	2888	3769	3709	4438	5179	5407	5195
29	1421	1163	1913	2963	3960	3723	4438	5179	5407	5195
30	1522	1172	2040	3039	4151	3738	4438	5179	5407	5195
31	1624	1232	2018	3092	4187	3753	4438	5179	5407	5195
32	1724	1292	1997	3148	4184	4152	4438	5179	5407	5195
33	1828	1362	1976	3202	4200	4359	4438	5179	5407	5195
34	1931	1413	1955	3257	4217	4567	4438	5179	5407	5195
35	1933	1473	1934	3311	4234	4774	4438	5179	5407	5195
36	1935	1533	1912	3366	4250	4981	4438	5179	5407	5195
37	1938	1594	1891	3420	4267	5189	4438	5179	5407	5195
38	1942	1654	1870	3475	4283	5396	4438	5179	5407	5195
39	1942	1714	1849	3529	4300	5603	4438	5179	5407	5195
40	1945	1775	1828	3584	4317	5811	4438	5179	5407	5195
41	1952	1739	1814	3592	4330	6022	4438	5179	5407	5195
42	1968	1739	1814	3600	4330	6232	4438	5179	5407	5195
43	1968	1721	1807	3609	4330	6442	4438	5179	5407	5195
44	1975	1704	1801	3617	4333	6651	4438	5179	5407	5195
45	1983	1686	1794	3624	4336	6861	4438	5179	5407	5195
46	1991	1668	1787	3634	4346	7071	4438	5179	5407	5195
47	1998	1651	1781	3642	4362	7281	4438	5179	5407	5195
48	1998	1633	1774	3651	4369	7491	4438	5179	5407	5195
49	714	1615	1767	3659	4375	7701	4438	5179	5407	5195



[illegible]





MEAN FULL EMPLOYMENT RECEIPT

PROVINCE = P.F.I.

MARITAL STATUS = MARRIED

SFX = MALE

REPLICATION ->

AGE	NO SCH	SOME FLF	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GRD	BACH LFV	MAST LFV	P.D
14	1110	1839	2203	2603	3255	2696	4144	4836	5049	4851
15	1110	1839	2203	2603	3255	2696	4144	4836	5049	4851
16	1110	1839	2203	2603	3255	2696	4144	4836	5049	4851
17	1110	1839	2203	2603	3255	2696	4144	4836	5049	4851
18	1110	1839	2203	2603	3255	2696	4144	4836	5049	4851
19	1110	1839	2203	2603	3255	2696	4144	4836	5049	4851
20	1110	1839	2203	2603	3255	2696	4144	4836	5049	4851
21	1315	2957	2653	4981	5243	3565	4144	4836	5049	4851
22	1521	3147	3103	7360	7232	4434	4144	4836	5049	4851
23	1716	3147	3340	7217	7195	4615	4499	5251	5435	5393
24	1912	3337	3578	7075	7152	4797	4855	5566	5821	5936
25	2104	3528	3815	6933	7122	4978	5210	6081	6208	6479
26	2304	3718	4053	6791	7085	5160	5566	6496	6594	7022
27	2499	3908	4291	6648	7048	5341	5922	6911	6980	7555
28	2695	4090	4528	6506	7012	5523	6277	7326	7387	8158
29	2891	4289	4766	6364	6975	5704	6633	7741	7753	8651
30	3087	4480	5004	6222	6939	5886	6989	8156	8140	9194
31	3153	4521	5017	6245	7005	6161	7441	8684	8657	9717
32	3219	4563	5031	6269	7071	6437	7894	9212	9175	10240
33	3286	4604	5045	6293	7138	6712	8347	9741	9693	10763
34	3352	4646	5059	6317	7204	6988	8800	10269	9693	11287
35	3419	4688	5073	6341	7271	7264	9253	10788	10729	11810
36	3485	4729	5086	6365	7337	7539	9705	11326	11286	12344
37	3551	4771	5100	6389	7403	7815	10158	11854	11286	12897
38	3618	4812	5114	6413	7470	8090	10611	12383	11764	13400
39	3684	4854	5128	6437	7536	8366	11064	12911	12282	13903
40	3751	4896	5142	6461	7603	8642	11517	13440	13318	14427
41	3818	4937	5156	6485	7670	8918	11970	13969	13841	14951
42	3885	4979	5170	6509	7737	9194	12423	14498	14362	15475
43	3952	5021	5184	6533	7804	9470	12876	15027	14885	15999
44	4019	5063	5198	6557	7871	9746	13329	15556	15408	16523
45	4086	5105	5212	6581	7938	10022	13782	16085	15931	17047
46	4153	5147	5226	6605	8005	10298	14235	16614	16454	17571
47	4220	5189	5240	6629	8072	10574	14688	17143	16977	18095
48	4287	5231	5254	6653	8139	10850	15141	17672	17500	18619
49	4354	5273	5268	6677	8206	11126	15594	18201	18023	19143





40	2712	34112	51240	5854	7025	8127	10483	12114	12112	13010
41	2713	34113	48256	57443	6853	8128	10484	12115	12244	14001
42	2714	34114	48257	56832	68841	82259	10485	12116	12349	14121
43	2715	34115	48258	56221	6809	82260	10486	12117	12454	14122
44	2716	34116	48259	55610	6737	82261	10487	12118	12559	14123
45	2717	34117	48260	55000	6664	82262	10488	12119	12664	14124
46	2718	34118	48261	54389	6592	82263	10489	12120	12770	14125
47	2719	34119	3807	5378	6520	8414	10500	12712	12875	14324
48	2720	34120	3743	5317	6448	8415	10501	12713	12980	14364
49	2721	34121	3690	5256	6376	8476	11002	12714	13086	14405
50	2722	34122	3630	5097	6300	8187	11019	12715	13087	14406
51	2723	34123	3570	5037	6225	7899	11036	12716	13088	14093
52	2724	34124	3470	4859	6150	7611	11053	12717	13089	13781
53	2725	34125	3410	4680	6075	7322	11070	12718	13090	13460
54	2726	34126	3351	4492	6000	7034	11087	12719	13091	13157
55	2727	34127	3291	4284	5925	6746	11104	12720	13092	12845
56	2728	34128	3231	4065	5850	6457	11121	12721	13093	12533
57	2729	34129	3172	3847	5775	6169	11138	12722	13094	12221
58	2730	34130	3112	3628	5700	5881	11155	12723	13095	11909
59	2731	34131	3052	3470	5625	5593	11173	12724	13096	11597
60	2732	34132	2993	3272	5625	5303	11190	12725	13097	11285







57	1017	1282	1752	2757	3224	4071	5213	6115	6060	6041
58	1149	1267	1773	2713	3204	4050	5209	6112	6067	6042
59	1215	1252	1794	2723	3189	4025	5204	6104	6064	6033
60	1241	1238	1816	2714	3170	4009	5200	6101	6061	6030
61	1288	1296	1801	2654	3145	3912	5203	6098	6049	6006
62	1295	1355	1787	2534	3121	3816	5205	6072	6012	6001
63	1303	1413	1773	2534	3094	3720	5206	6074	6076	6047
64	1310	1472	1759	2474	3072	3623	5208	6075	5639	6193
65	1318	1521	1745	2415	3047	3527	5208	6078	5503	6079
66	1325	1589	1731	2355	3023	3431	5210	6080	5345	5885
67	1332	1648	1717	2293	2998	3334	5211	6082	5229	5731
68	1340	1706	1703	2235	2974	3238	5213	6084	5093	5477
69	1347	1765	1689	2175	2949	3142	5215	6086	4956	5423
70	1355	1824	1675	2116	2925	3046	5217	6088	4820	5269





MEAN FULL EMPLOYMENT INCOME

PROVINCE = P.E.I.

MARITAL STATUS = OTHER

SEX = MALE

EDUCATION ----->

AGE	NC SCH	SOME ELE	COMP ELE	SOME HS	CCMP HS	SOME UNI	CAAT GRD	BACH	LFV	MAST	LFV	P.D.
14	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
15	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
16	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
17	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
18	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
19	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
20	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
21	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
22	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
23	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
24	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
25	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
26	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
27	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
28	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
29	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
30	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
31	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
32	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
33	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
34	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
35	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
36	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
37	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
38	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
39	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
40	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
41	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
42	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
43	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
44	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
45	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
46	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
47	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
48	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439
49	1110	1839	2203	2603	3255	2696	3792	4425	4620	4439	4439	4439





50	2557	3259	7166	5137	5416	7142	5277	7501	7501
51	2558	3260	6720	5138	5417	7143	5278	7502	7502
52	2559	3261	6721	5139	5418	7144	5279	7503	7503
53	2560	3262	6722	5140	5419	7145	5280	7504	7504
54	2561	3263	6723	5141	5420	7146	5281	7505	7505
55	2562	3264	6724	5142	5421	7147	5282	7506	7506
56	2563	3265	6725	5143	5422	7148	5283	7507	7507
57	2564	3266	6726	5144	5423	7149	5284	7508	7508
58	2565	3267	6727	5145	5424	7150	5285	7509	7509
59	2566	3268	6728	5146	5425	7151	5286	7510	7510
60	2567	3269	6729	5147	5426	7152	5287	7511	7511
61	2568	3270	6730	5148	5427	7153	5288	7512	7512
62	2569	3271	6731	5149	5428	7154	5289	7513	7513
63	2570	3272	6732	5150	5429	7155	5290	7514	7514
64	2571	3273	6733	5151	5430	7156	5291	7515	7515
65	2572	3274	6734	5152	5431	7157	5292	7516	7516
66	2573	3275	6735	5153	5432	7158	5293	7517	7517
67	2574	3276	6736	5154	5433	7159	5294	7518	7518
68	2575	3277	6737	5155	5434	7160	5295	7519	7519
69	2576	3278	6738	5156	5435	7161	5296	7520	7520
70	2577	3279	6739	5157	5436	7162	5297	7521	7521



MEAN FULL EMPLOYMENT INCOME

PROVINCE = P.O.F.I.

CAPITAL STATUS = OTHER

SEX = FEMALE

EDUCATION: ----->

AGE	NO SCH	SOME ELF	COMP ELF	SOME HS	COMP HS	SOME UNI	CAAT GRD	RACH LEV	PAST LEV	PHD
14	673	660	846	1797	1824	3566	4590	5357	5593	5373
15	673	660	846	1797	1824	3566	4590	5357	5593	5373
16	673	660	846	1797	1824	3566	4590	5357	5593	5373
17	673	660	846	1797	1824	3566	4590	5357	5593	5373
18	673	660	846	1797	1824	3566	4590	5357	5593	5373
19	673	660	846	1797	1824	3566	4590	5357	5593	5373
20	673	660	846	1797	1824	3566	4590	5357	5593	5373
21	697	929	937	2505	2444	3735	4590	5357	5593	5373
22	721	1199	1148	3213	3064	4395	4590	5357	5593	5373
23	821	1378	1260	3262	3162	4239	4497	5249	5454	5334
24	921	1558	1372	3311	3260	4009	4405	5141	5316	5246
25	1021	1737	1484	3360	3359	4312	4312	5033	5177	5257
26	1121	1917	1596	3409	3457	4220	4220	4925	5039	5219
27	1221	2097	1708	3458	3555	5578	4128	4817	4900	5181
28	1321	2276	1820	3507	3654	5913	4035	4709	4762	5122
29	1421	2456	1932	3556	3752	6248	3843	4601	4821	5122
30	1522	2636	2044	3606	3851	6543	3843	4601	4821	5122
31	1624	2816	2046	3655	3955	6844	4022	4601	4821	5122
32	1726	2996	2049	3705	4059	7145	4193	4601	4821	5122
33	1828	3176	2051	3756	4163	7446	4364	4601	4821	5122
34	1931	3356	2054	3807	4267	7747	4535	4601	4821	5122
35	2033	3536	2056	3857	4369	8048	4706	4601	4821	5122
36	2135	3716	2059	3908	4471	8349	4877	4601	4821	5122
37	2238	3896	2061	3959	4573	8650	5048	4601	4821	5122
38	2340	4076	2064	4010	4675	8951	5219	4601	4821	5122
39	2442	4256	2066	4061	4777	9252	5390	4601	4821	5122
40	2544	4436	2069	4112	4879	9553	5561	4601	4821	5122
41	2646	4616	2072	4163	4981	9854	5732	4601	4821	5122
42	2748	4796	2075	4214	5083	10155	5903	4601	4821	5122
43	2850	4976	2078	4265	5185	10456	6074	4601	4821	5122
44	2952	5156	2081	4316	5287	10757	6245	4601	4821	5122
45	3054	5336	2084	4367	5389	11058	6416	4601	4821	5122
46	3156	5516	2087	4418	5491	11359	6587	4601	4821	5122
47	3258	5696	2090	4469	5593	11660	6758	4601	4821	5122
48	3360	5876	2093	4520	5695	11961	6929	4601	4821	5122
49	3462	6056	2096	4571	5797	12262	7100	4601	4821	5122



[illegible]





MEAN FULL EMPLOYMENT INCOME  
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EDUCATION = 11.5

MARITAL STATUS = SINGLE

SEX = MALE

EDUCATION ----->

AGE	NO SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GRD	BACH LEV	MAST LEV	PHD
14	1408	2331	2793	3326	4158	2205	3296	3847	4017	3850
15	1408	2331	2793	3326	4158	2205	3296	3847	4017	3850
16	1408	2331	2793	3326	4158	2205	3296	3847	4017	3850
17	1408	2331	2793	3326	4158	2205	3296	3847	4017	3850
18	1408	2331	2793	3326	4158	2205	3296	3847	4017	3850
19	1408	2331	2793	3326	4158	2205	3296	3847	4017	3850
20	1408	2331	2793	3326	4158	2205	3296	3847	4017	3850
21	1807	2663	3021	4201	5501	3296	3296	3847	4017	3850
22	2207	2795	3250	4277	5501	3296	3296	3847	4017	3850
23	2320	2810	3414	6175	6854	3296	3296	3847	4017	3850
24	2433	2818	3578	6074	6864	3296	3296	3847	4017	3850
25	2546	2840	3742	5973	6874	3296	3296	3847	4017	3850
26	2660	2855	3907	5872	6884	3296	3296	3847	4017	3850
27	2773	2870	4071	5770	6894	3296	3296	3847	4017	3850
28	2886	2885	4235	5668	6904	3296	3296	3847	4017	3850
29	2999	2900	4399	5566	6914	3296	3296	3847	4017	3850
30	3112	2916	4564	5464	6924	3296	3296	3847	4017	3850
31	3225	3005	4667	5448	6933	3296	3296	3847	4017	3850
32	3338	3094	4771	5430	6943	3296	3296	3847	4017	3850
33	3451	3184	4875	5411	6951	3296	3296	3847	4017	3850
34	3564	3273	4978	5393	6960	3296	3296	3847	4017	3850
35	3677	3363	5082	5375	6969	3296	3296	3847	4017	3850
36	3790	3452	5186	5356	6978	3296	3296	3847	4017	3850
37	3903	3541	5289	5338	6987	3296	3296	3847	4017	3850
38	4016	3630	5393	5319	6996	3296	3296	3847	4017	3850
39	4129	3720	5497	5301	7005	3296	3296	3847	4017	3850
40	4242	3810	5601	5282	7014	3296	3296	3847	4017	3850
41	4355	3900	5705	5263	7023	3296	3296	3847	4017	3850
42	4468	3990	5809	5244	7032	3296	3296	3847	4017	3850
43	4581	4080	5913	5225	7041	3296	3296	3847	4017	3850
44	4694	4170	6017	5206	7050	3296	3296	3847	4017	3850
45	4807	4260	6121	5187	7059	3296	3296	3847	4017	3850
46	4920	4350	6225	5168	7068	3296	3296	3847	4017	3850
47	5033	4440	6329	5149	7077	3296	3296	3847	4017	3850
48	5146	4530	6433	5130	7086	3296	3296	3847	4017	3850
49	5259	4620	6537	5111	7095	3296	3296	3847	4017	3850





51	*	12444	10000	10348	8281	5304	4688	4688	4343	3535	3471	3277	51
52	*	11663	10127	8008	8806	5198	4776	4668	4343	3545	3482	3279	52
53	*	10640	9346	8008	8332	5092	4886	4562	4256	3556	3492	3286	53
54	*	9748	8562	7337	7857	4986	4774	4456	4169	3557	3503	2783	54
55	*	5855	7717	6667	7383	4880	4774	4456	4169	3557	3514	2737	55
56	*	7052	6962	5997	6908	4971	4774	4456	4169	3557	3624	2791	56
57	*	7050	6208	5326	6433	4865	4668	4343	4082	3535	3535	2745	57
58	*	6147	5453	4656	5959	4755	4562	4256	4082	3545	3545	1799	58
59	*	5244	4688	3986	5484	4653	4456	4169	4082	3556	3556	1553	59
60	*	4342	3944	3316	4010	4543	4350	4082	4128	3557	3557	1507	60
61	*	5022	4605	4127	5081	4512	4766	4428	4174	3528	3428	1401	61
62	*	5783	5267	4939	5152	4477	4766	4428	4174	3528	3289	1495	62
63	*	6503	5929	5751	5224	4402	5598	4265	4220	3151	3151	1589	63
64	*	7224	6561	6563	5295	4407	6014	4265	4265	3012	3012	1683	64
65	*	7655	7253	7375	5367	4372	6430	4311	4311	2874	2874	1777	65
66	*	8885	7914	8186	5438	4337	6846	4367	4367	2735	2735	1871	66
67	*	9386	8576	8998	5509	4302	7262	4402	4402	2596	2596	1965	67
68	*	10106	9238	9810	5581	4267	7678	4448	4448	2458	2458	2039	68
69	*	10827	9900	10622	5652	4232	8094	4454	4454	2319	2319	2153	69
70	*	11548	10562	11434	5724	4197	8511	4540	4540	2181	2181	2248	70



PROVINCE = N.S.

MARITAL STATUS = SINGLE

SEX = FEMALE

EDUCATION ----->

AGE	NO SCH	SOME ELF	COMP ELF	SOME HS	COMP HS	SOME UNI	CAAT GRD	HACH LEV	MAST LEV	PWD
14	958	940	1204	2140	2173	3545	4990	5823	6079	5841
15	958	940	1204	2140	2173	3545	4990	5823	6079	5841
16	958	940	1204	2140	2173	3545	4990	5823	6079	5841
17	958	940	1204	2140	2173	3545	4990	5823	6079	5841
18	958	940	1204	2140	2173	3545	4990	5823	6079	5841
19	958	940	1204	2140	2173	3545	4990	5823	6079	5841
20	958	940	1204	2140	2173	3545	4990	5823	6079	5841
21	972	1226	1307	2549	2681	3809	4990	5823	6079	5841
22	986	1512	1410	2955	3160	4074	4990	5823	6079	5841
23	1130	1528	1552	3029	3393	4201	5051	5823	6117	6012
24	1274	1545	1774	3100	3596	4328	5113	5823	6156	6184
25	1418	1562	1956	3171	3799	4455	5175	5823	6104	6155
26	1562	1579	2128	3242	4002	4582	5237	6111	6233	6227
27	1706	1595	2320	3312	4205	4700	5298	6182	6272	6299
28	1850	1612	2502	3383	4408	4836	5360	6255	6310	6270
29	1994	1629	2684	3454	4611	4963	5422	6327	6349	7042
30	2138	1646	2866	3525	4815	5090	5484	6400	6388	7214
31	2121	1707	2812	3574	4818	5340	5558	6403	6584	7397
32	2104	1769	2768	3624	4821	5608	5832	6506	6781	7581
33	2087	1830	2704	3674	4824	5888	6006	6700	6078	7789
34	2070	1892	2651	3724	4827	6127	6181	7212	7175	7949
35	2053	1953	2557	3774	4830	6347	6355	7416	7372	8132
36	2036	2015	2543	3823	4833	6546	6529	7619	7559	8317
37	2019	2076	2450	3873	4836	6905	6704	8023	7765	8501
38	2002	2138	2426	3923	4839	6905	6878	8023	7765	8501
39	1985	2199	2382	3973	4842	7424	7052	8229	8160	8885
40	1968	2261	2329	4023	4845	7684	7227	8433	8357	9053
41	1951	2280	2366	4036	4856	7759	7376	8607	8521	9311
42	1934	2299	2403	4049	4868	7759	7526	8782	8486	9549
43	1917	2318	2440	4062	4879	7370	7675	8956	8850	9828
44	1899	2337	2477	4075	4891	7265	7825	9131	9015	10056
45	1882	2356	2515	4088	4903	7161	7974	9305	9180	10345
46	1865	2375	2552	4101	4914	7056	8124	9480	9344	10603
47	1848	2394	2589	4114	4926	6951	8273	9654	9509	10861
48	1831	2413	2626	4127	4937	6847	8423	9829	9673	11120
49	1814	2432	2663	4140	4949	6742	8572	10003	9838	11378



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PROVINCE = N.S.

MARITAL STATUS = MARRIED

SEX = MALE

EDUCATION ----->

AGE	NO	SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GDD	BACH LFV	PAST LEV	PHD
14	1408	2331	2793	3326	4158	2205	4388	5122	5347	5137	
15	1408	2331	2793	3326	4158	2205	4388	5122	5347	5137	
16	1408	2331	2793	3326	4158	2205	4388	5122	5347	5137	
17	1408	2331	2793	3326	4158	2205	4388	5122	5347	5137	
18	1408	2331	2793	3326	4158	2205	4388	5122	5347	5137	
19	1408	2331	2793	3326	4158	2205	4388	5122	5347	5137	
20	1408	2331	2793	3326	4158	2205	4388	5122	5347	5137	
21	1807	3310	3647	5873	6216	3450	4388	5122	5347	5137	
22	2207	4290	4502	8421	8274	4696	4388	5122	5347	5137	
23	2446	4401	4774	8255	8228	4953	4388	5122	5347	5137	
24	2686	4713	5047	8089	8182	5290	4388	5122	5347	5137	
25	2925	4925	5319	7923	8137	5587	4388	5122	5347	5137	
26	3165	5137	5592	7797	8091	5884	4388	5122	5347	5137	
27	3404	5348	5865	7591	8045	6161	4388	5122	5347	5137	
28	3644	5560	6137	7425	8000	6478	4388	5122	5347	5137	
29	3883	5772	6410	7259	7954	6775	4388	5122	5347	5137	
30	4123	5984	6683	7093	7909	7073	4388	5122	5347	5137	
31	4361	6196	6954	7124	7989	7432	4388	5122	5347	5137	
32	4600	6408	7218	7186	8070	7792	4388	5122	5347	5137	
33	4838	6620	7449	7249	8150	8152	4388	5122	5347	5137	
34	5076	6832	7680	7312	8231	8512	4388	5122	5347	5137	
35	5314	7044	7911	7374	8311	8872	4388	5122	5347	5137	
36	5552	7256	8142	7437	8392	9231	4388	5122	5347	5137	
37	5790	7468	8373	7497	8473	9591	4388	5122	5347	5137	
38	6028	7680	8604	7559	8553	9951	4388	5122	5347	5137	
39	6266	7892	8835	7624	8634	10311	4388	5122	5347	5137	
40	6504	8104	9066	7689	8714	10671	4388	5122	5347	5137	
41	6742	8316	9297	7754	8795	11031	4388	5122	5347	5137	
42	6980	8528	9528	7819	8876	11391	4388	5122	5347	5137	
43	7218	8740	9759	7884	8957	11751	4388	5122	5347	5137	
44	7456	8952	9990	7949	9038	12111	4388	5122	5347	5137	
45	7694	9164	10221	8014	9119	12471	4388	5122	5347	5137	
46	7932	9376	10452	8079	9200	12831	4388	5122	5347	5137	
47	8170	9588	10683	8144	9281	13191	4388	5122	5347	5137	
48	8408	9800	10914	8209	9362	13551	4388	5122	5347	5137	
49	8646	10012	11145	8274	9443	13911	4388	5122	5347	5137	





61	3745	5274	6374	6644	8001	10724	13871	16181	18021	2434
62	3723	5194	6215	6613	8006	10770	13867	16181	18021	2434
63	3701	5114	6056	6582	7970	10756	13863	16176	18021	2434
64	3679	5034	5898	6551	7935	10743	13859	16172	18021	2434
65	3657	4954	5720	6520	7899	10730	13856	16167	18021	2434
66	3635	4874	5580	6489	7864	10715	13852	16163	18021	2434
67	3613	4794	5422	6458	7828	10702	13848	16159	18021	2434
68	3591	4714	5283	6427	7793	10688	13844	16154	18021	2434
69	3569	4634	5104	6396	7757	10674	13840	16150	18021	2434
70	3547	4554	4945	6365	7722	10661	13837	16146	18021	2434
71	3517	4443	4911	6221	7797	10167	13596	15866	17461	18021
72	3487	4332	4877	6070	7872	9673	13366	15635	18021	2434
73	3457	4221	4843	5934	7948	9179	13116	15304	18021	2434
74	3427	4110	4809	5791	8023	8686	12875	15024	18021	2434
75	2897	4000	4775	5648	8099	8192	12635	14744	14833	18021
76	2767	3886	4740	5504	8174	7699	12396	14463	14176	18021
77	2637	3778	4706	5361	8249	7205	12154	14183	13519	18021
78	2507	3667	4672	5217	8325	6711	11914	13902	11741	18021
79	2377	3556	4638	5074	8400	6217	11674	13622	11151	18021
70	2248	3446	4604	4931	8476	5724	11434	13342	10562	18021



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PAGE = 105  
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MARITAL STATUS = MARRIED  
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SEX = FEMALE  
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EDUCATION ----->

AGE	NO SCH	SOME FLE	COMP FLE	SOME HS	COMP HS	SOME UNI	CAAT GRD	RACH LFV	MAST IEV	PHD
14	958	940	1204	2140	2173	3545	5331	6221	6495	6240
15	958	940	1204	2140	2173	3545	5331	6221	6495	6240
16	958	940	1204	2140	2173	3545	5331	6221	6495	6240
17	958	940	1204	2140	2173	3545	5331	6221	6495	6240
18	958	940	1204	2140	2173	3545	5331	6221	6495	6240
19	958	940	1204	2140	2173	3545	5331	6221	6495	6240
20	958	940	1204	2140	2173	3545	5331	6221	6495	6240
21	972	1533	1550	2769	3048	4180	4331	5221	6495	6240
22	986	2127	1897	3398	3924	4384	4331	5221	6495	6240
23	1130	2160	1959	3456	4013	4424	4331	5221	6495	6240
24	1274	2194	2101	3514	4103	4614	4331	5221	6495	6240
25	1418	2227	2204	3572	4192	4614	4331	5221	6495	6240
26	1562	2261	2306	3630	4282	4614	4331	5221	6495	6240
27	1706	2294	2408	3688	4372	4614	4331	5221	6495	6240
28	1850	2328	2511	3746	4461	4614	4331	5221	6495	6240
29	1994	2361	2613	3804	4551	4614	4331	5221	6495	6240
30	2138	2395	2716	3863	4641	4614	4331	5221	6495	6240
31	2121	2381	2696	3809	4584	4614	4331	5221	6495	6240
32	2104	2367	2676	3755	4528	4614	4331	5221	6495	6240
33	2087	2353	2656	3701	4471	4614	4331	5221	6495	6240
34	2070	2339	2636	3647	4415	4614	4331	5221	6495	6240
35	2053	2326	2616	3584	4358	4614	4331	5221	6495	6240
36	2036	2312	2596	3520	4302	4614	4331	5221	6495	6240
37	2019	2298	2576	3456	4245	4614	4331	5221	6495	6240
38	2002	2284	2556	3392	4189	4614	4331	5221	6495	6240
39	1985	2270	2536	3328	4132	4614	4331	5221	6495	6240
40	1968	2257	2516	3265	4076	4614	4331	5221	6495	6240
41	1951	2244	2496	3201	4020	4614	4331	5221	6495	6240
42	1934	2231	2476	3137	3964	4614	4331	5221	6495	6240
43	1917	2218	2456	3073	3908	4614	4331	5221	6495	6240
44	1900	2205	2436	3009	3852	4614	4331	5221	6495	6240
45	1883	2192	2416	2945	3796	4614	4331	5221	6495	6240
46	1866	2179	2396	2881	3740	4614	4331	5221	6495	6240
47	1849	2166	2376	2817	3684	4614	4331	5221	6495	6240
48	1832	2153	2356	2753	3628	4614	4331	5221	6495	6240
49	1815	2140	2336	2689	3572	4614	4331	5221	6495	6240



51	*	1021	2072	2427	3232	3782	5751	7184	8339	8655
52	*	1088	2016	2427	3232	3783	5751	7214	8339	8655
53	*	1155	1960	2411	3230	3783	5751	7245	8405	8655
54	*	1222	1904	2396	3227	3779	5750	7275	8472	8655
55	*	1289	1849	2380	3225	3775	5750	7306	8538	8655
56	*	1356	1793	2365	3223	3770	5750	7336	8605	8655
57	*	1423	1737	2349	3220	3766	5749	7366	8671	8655
58	*	1490	1681	2334	3218	3761	5749	7397	8738	8655
59	*	1557	1625	2318	3216	3757	5749	7427	8804	8655
60	*	1624	1570	2303	3214	3753	5749	7458	8871	8655
61	*	1691	1514	2287	3210	3749	5729	7489	8938	8655
62	*	1758	1458	2271	3206	3745	5729	7520	9005	8655
63	*	1825	1402	2255	3202	3741	5729	7551	9072	8655
64	*	1892	1346	2239	3198	3737	5729	7582	9139	8655
65	*	1959	1290	2223	3194	3733	5729	7613	9206	8655
66	*	2026	1234	2207	3190	3729	5729	7644	9273	8655
67	*	2093	1178	2191	3186	3725	5729	7675	9340	8655
68	*	2160	1122	2175	3182	3721	5729	7706	9407	8655
69	*	2227	1066	2159	3178	3717	5729	7737	9474	8655
70	*	2294	1010	2143	3174	3713	5729	7768	9541	8655





PROVINCE = N.S.

CAPITAL STATUS = OTHER

SEX = MALE

EDUCATION ----->

AGE	NC SCH	SOME FLE	COMP FLE	SOME HS	COMP HS	SOME UNI	CAAT GRD	PACH LEV	WAST LEV	PHD
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15	1408	2331	2793	3326	4158	2205	4016	4886	4887	4701
16	1408	2331	2793	3326	4158	2205	4016	4886	4887	4701
17	1408	2331	2793	3326	4158	2205	4016	4886	4887	4701
18	1408	2331	2793	3326	4158	2205	4016	4886	4887	4701
19	1408	2331	2793	3326	4158	2205	4016	4886	4887	4701
20	1408	2331	2793	3326	4158	2205	4016	4886	4887	4701
21	1807	2837	3294	5211	5783	3148	4016	4886	4887	4701
22	2207	3344	3796	7216	7408	4001	4016	4886	4887	4701
23	2407	3502	4252	7106	7377	4539	4519	4886	4887	4701
24	2408	3463	4700	6002	7347	5145	4521	4886	4887	4701
25	2808	4108	5166	6887	7316	5732	4522	4886	4887	4701
26	3009	4363	5623	6777	7286	6240	4526	4886	4887	4701
27	3209	4617	6079	6667	7256	6527	4529	4886	4887	4701
28	3410	4872	6536	6558	7225	7374	7031	4886	4887	4701
29	3610	5127	6993	6448	7195	7921	7534	4886	4887	4701
30	3811	5382	7450	6339	7165	8469	8037	4886	4887	4701
31	3862	5423	7451	6469	7100	8422	8246	4886	4887	4701
32	3982	5464	7453	6600	7196	8376	8456	4886	4887	4701
33	4067	5505	7454	6731	7211	8329	8666	4886	4887	4701
34	4153	5546	7456	6862	7227	8282	8875	4886	4887	4701
35	4239	5587	7457	6993	7242	8236	9065	4886	4887	4701
36	4324	5628	7459	7123	7258	8189	9295	4886	4887	4701
37	4409	5669	7460	7254	7273	8132	9504	4886	4887	4701
38	4495	5710	7462	7385	7289	8096	9714	4886	4887	4701
39	4581	5751	7463	7516	7304	8049	9924	4886	4887	4701
40	4667	5792	7465	7647	7320	8003	10134	4886	4887	4701
41	4757	5804	7466	7799	7331	8147	9831	4886	4887	4701
42	4847	5816	7467	7951	7342	8291	9528	4886	4887	4701
43	4937	5829	7468	8103	7353	8435	9226	4886	4887	4701
44	5027	5841	7469	8255	7364	8579	8923	4886	4887	4701
45	5117	5854	7470	8407	7375	8723	8621	4886	4887	4701
46	5207	5866	7471	8559	7386	8867	8318	4886	4887	4701
47	5297	5878	7472	8711	7397	9011	8015	4886	4887	4701
48	5387	5890	7473	8863	7408	9155	7713	4886	4887	4701
49	5477	5902	7474	9015	7419	9299	7410	4886	4887	4701





67	3325	4779	6227	5808	5808	6239	8552	7704	9100	9043	11402
68	3316	4733	6126	5808	5808	6239	8552	7704	9100	9043	11402
69	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
70	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
71	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
72	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
73	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
74	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
75	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
76	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
77	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
78	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
79	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
80	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
81	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
82	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
83	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
84	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
85	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
86	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
87	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
88	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
89	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
90	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
91	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
92	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
93	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
94	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
95	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
96	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
97	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
98	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
99	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402
100	3316	4733	7125	5914	5914	6276	8660	7704	9100	9043	11402



PROVINCE = N.S.

PARTIAL STATUS = OTHER

SEX = FEMALE

EDUCATION

AGE	NO SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GRD	BACH LEV	MAST LEV	PHD
14	958	940	1204	2140	2173	3545	5161	6023	6288	6041
15	958	940	1204	2140	2173	3545	5161	6023	6288	6041
16	958	940	1204	2140	2173	3545	5161	6023	6288	6041
17	958	940	1204	2140	2173	3545	5161	6023	6288	6041
18	958	940	1204	2140	2173	3545	5161	6023	6288	6041
19	958	940	1204	2140	2173	3545	5161	6023	6288	6041
20	958	940	1204	2140	2173	3545	5161	6023	6288	6041
21	972	1290	1387	3021	2947	3967	5161	6023	6288	6041
22	986	1640	1571	3903	3722	4390	5161	6023	6288	6041
23	1130	1897	1733	3937	3815	4961	5171	6035	6265	6148
24	1174	2155	1856	3972	3908	5533	5181	6047	6242	6255
25	1418	2413	2058	4007	4001	6104	5191	6059	6219	6262
26	1462	2671	2221	4042	4094	6676	5202	6071	6107	6459
27	1706	2929	2384	4076	4187	7247	5212	6087	6174	6572
28	1850	3187	2546	4111	4250	7819	5222	6095	6151	6683
29	1994	3445	2709	4146	4373	8390	5232	6107	6128	6790
30	2138	3703	2872	4181	4467	8962	5243	6119	6106	6897
31	2121	3557	2848	4156	4457	8898	5454	6365	6345	7128
32	2104	3411	2824	4132	4447	8835	5665	6611	6525	7380
33	2087	3265	2801	4108	4437	8772	5876	6857	6825	7591
34	2070	3120	2777	4084	4427	8709	6087	7104	7065	7823
35	2053	2974	2754	4060	4417	8644	6298	7350	7305	8055
36	2036	2828	2730	4035	4407	8582	6500	7586	7548	8288
37	2019	2683	2706	4011	4397	8519	6720	7843	7785	8518
38	2002	2537	2683	3987	4387	8456	6931	8089	8025	8749
39	1985	2391	2659	3962	4377	8393	7142	8325	8265	8981
40	1968	2246	2636	3939	4368	8330	7354	8522	8505	9213
41	1951	2261	2645	3904	4359	8129	7242	8751	8705	9424
42	1934	2277	2654	3870	4351	7928	7131	8921	8875	9635
43	1917	2293	2663	3836	4342	7727	7019	9191	9100	9846
44	1899	2309	2672	3802	4334	7526	6800	9481	9387	10057
45	1882	2325	2681	3768	4326	7325	6796	9791	9690	10268
46	1865	2341	2690	3733	4317	7124	6685	10100	9995	10479
47	1848	2357	2699	3699	4309	6923	6573	10409	10305	10690
48	1831	2373	2708	3665	4300	6722	6462	10718	10610	10901
49	1814	2389	2717	3631	4292	6521	6350	11027	10900	11112









MEAN FULL EMPLOYMENT INCOME

PROVINCE = N.P.

MARITAL STATUS = SINGLE

SFX = VALUE

EDUCATION ->

AGE	NC SCH	SOME ELE	COMP ELE	SOME HS	SOME INI	CAAT GRD	HACH LEV	MAST LEV	DAD
14	1373	2274	2724	3109	2402	3185	3717	3881	3729
15	1373	2274	2724	3109	2402	3185	3717	3881	3729
16	1373	2274	2724	3109	2402	3185	3717	3881	3729
17	1373	2274	2724	3109	2402	3185	3717	3881	3729
18	1373	2274	2724	3109	2402	3185	3717	3881	3729
19	1373	2274	2724	3109	2402	3185	3717	3881	3729
20	1373	2274	2724	3109	2402	3185	3717	3881	3729
21	1686	2403	2834	4650	2932	3185	3717	3881	3729
22	1686	2532	2944	6191	3462	3185	3717	3881	3729
23	2106	2550	3100	6081	3772	3501	4086	4228	4202
24	2214	2646	3266	5072	4002	3814	4456	4576	4476
25	2221	2587	3412	5862	4392	4134	4825	4922	5150
26	2429	2605	3568	5753	4703	4451	5154	5270	5624
27	2537	2623	3724	5643	5013	4767	5563	5617	6064
28	2644	2642	3880	5534	5323	5084	5933	5984	6572
29	2752	2660	4026	5424	5633	5400	6311	6311	7046
30	2860	2679	4193	5315	5944	5717	6672	6659	7520
31	3011	2774	4307	5206	6019	6091	7100	7087	7897
32	3177	2869	4422	5342	6152	6466	7546	7516	8387
33	3236	2964	4526	5356	6256	6841	7983	7944	8821
34	3395	3059	4651	5370	6360	7216	8421	8373	9254
35	3454	3155	4765	5384	6464	7591	8858	8802	9688
36	3812	3250	4880	5397	6568	7985	9255	9230	10122
37	3971	3345	4954	5411	6672	8340	9732	9659	10559
38	4130	3440	5109	5425	6776	8715	10170	10087	10989
39	4288	3536	5233	5430	6880	9000	10507	10516	11423
40	4448	3631	5338	5453	6985	9465	11045	10945	11857
41	4605	3600	5452	5523	7202	9460	11035	10931	11928
42	4763	3570	5522	5593	7422	9466	11034	10917	11959
43	4801	3540	5565	5663	7641	9451	11029	10903	12070
44	4918	3510	5617	5733	7860	9447	11024	10889	12123
45	4946	3480	5660	5803	8076	9438	11019	10875	12213
46	3954	3450	4952	5873	8297	9433	11013	10861	12284
47	3871	3420	4934	5943	8516	9434	11008	10847	12354
48	3789	3390	4877	6013	8735	9429	11003	10833	12427
49	3707	3360	4819	6083	8954	9425	10998	10819	12498









PROVINCE = N.B.

MARITAL STATUS = SINGLE

SEX = FEMALE

EDUCATION ----->

AGE	NO. SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT	GRD	RACH	LEV	PAST	LEV	CHD
14	869	852	1091	2149	2182	4160	4465		5210		5440		5227
15	869	852	1091	2149	2182	4160	4465		5210		5440		5227
16	869	852	1091	2149	2182	4160	4465		5210		5440		5227
17	869	852	1091	2149	2182	4160	4465		5210		5440		5227
18	869	852	1091	2149	2182	4160	4465		5210		5440		5227
19	869	852	1091	2149	2182	4160	4465		5210		5440		5227
20	869	852	1091	2149	2182	4160	4465		5210		5440		5227
21	922	1173	1243	2527	2657	3902	4465		5210		5440		5227
22	975	1495	1395	2906	3133	3645	4465		5210		5440		5227
23	1123	1516	1583	2999	3365	3753	4514		5267		5467		5227
24	1272	1537	1771	3093	3598	3861	4563		5324		5484		5227
25	1272	1558	1959	3187	3831	3969	4612		5382		5521		5227
26	1569	1580	2147	3281	4064	4077	4661		5439		5549		5227
27	1717	1601	2335	3375	4297	4185	4710		5496		5576		5227
28	1866	1622	2523	3469	4530	4283	4759		5554		5603		5227
29	2014	1643	2711	3563	4763	4401	4808		5611		5630		5227
30	2163	1665	2859	3657	4996	4509	4858		5669		5658		5227
31	2160	1744	2859	3730	5025	4773	5044		5846		5860		5227
32	2158	1823	2862	3803	5054	5037	5231		6104		6081		5227
33	2155	1822	2768	3824	5054	5037	5231		6104		6081		5227
34	2153	1881	2751	3950	5112	5565	5604		6322		6505		5227
35	2151	2061	2715	4023	5141	5830	5791		6759		6717		5227
36	2148	2140	2678	4096	5170	6034	5978		6978		6920		5227
37	2146	2219	2641	4170	5199	6358	6164		7141		7141		5227
38	2143	2298	2604	4243	5228	6351	6351		7142		7353		5227
39	2141	2377	2567	4316	5257	6886	6538		7630		7565		5227
40	2139	2457	2531	4390	5287	7151	6725		7848		7777		5227
41	2029	2478	2572	4423	5322	7003	6798		7833		7854		5227
42	1919	2499	2613	4456	5358	6856	6871		8016		7832		5227
43	1809	2521	2654	4489	5393	6708	6945		8104		8010		5227
44	1699	2542	2656	4523	5429	6561	7018		8150		8097		5227
45	1589	2564	2737	4556	5464	6414	7092		8276		8165		5227
46	1479	2585	2778	4589	5500	6266	7165		8361		8243		5227
47	1369	2606	2820	4623	5535	6119	7238		8447		8320		5227
48	1259	2628	2861	4656	5571	5971	7312		8532		8398		5227
49	1149	2649	2902	4689	5606	5824	7385		8618		8476		5227



51	1735	2430	3829	4714	5649	6754	7401	8708	9920
52	1731	2430	3829	4706	5649	6754	7401	8708	9920
53	1777	2449	3829	4698	5653	6754	7401	8708	9920
54	1622	2469	3829	4690	5657	6754	7401	8708	9920
55	1768	2469	3829	4682	5661	6754	7401	8708	9920
56	1914	2428	3829	4674	5664	6754	7401	8708	9920
57	2059	2378	3829	4666	5668	6754	7401	8708	9920
58	2205	2347	3829	4658	5672	6754	7401	8708	9920
59	2251	2307	3829	4650	5676	6754	7401	8708	9920
60	2497	2267	3829	4642	5680	6754	7401	8708	9920
61	2459	2297	3829	4630	5688	6754	7401	8708	9920
62	2419	2328	3829	4419	5497	6754	7401	8708	9920
63	2380	2359	3829	4308	5406	6754	7401	8708	9920
64	2342	2389	3829	4197	5315	6754	7401	8708	9920
65	2302	2420	3829	4086	5224	6754	7401	8708	9920
66	2264	2451	3829	3975	5132	6754	7401	8708	9920
67	2226	2481	3829	3864	5041	6754	7401	8708	9920
68	2187	2512	3829	3753	4950	6754	7401	8708	9920
69	2148	2543	3829	3642	4859	6754	7401	8708	9920
70	2110	2574	3829	3531	4768	6754	7401	8708	9920





MEAN FULL EMPLOYMENT INCOME

PROVINCE = N.H.

MARITAL STATUS = MARRIED

SEX = MALE

EDUCATION ---->

AGE	NO SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GRD	PACH LEV	MAST LEV	PHD
14	1373	2274	2724	3109	3887	2402	4240	4949	5167	4964
15	1373	2274	2724	3109	3887	2402	4240	4949	5167	4964
16	1373	2274	2724	3109	3887	2402	4240	4949	5167	4964
17	1373	2274	2724	3109	3887	2402	4240	4949	5167	4964
18	1373	2274	2724	3109	3887	2402	4240	4949	5167	4964
19	1373	2274	2724	3109	3887	2402	4240	4949	5167	4964
20	1373	2274	2724	3109	3887	2402	4240	4949	5167	4964
21	1686	3080	3401	5707	6024	3469	4240	4949	5167	4964
22	1999	3887	4079	8306	8161	4537	4240	4949	5167	4964
23	2222	4088	4336	8129	8102	4805	4701	5487	5676	4964
24	2446	4289	4584	7953	8043	5073	5163	6026	6186	6332
25	2669	4490	4851	7777	7984	5341	5625	6466	6605	7016
26	2893	4692	5109	7601	7925	5610	6087	7104	7204	7701
27	3117	4893	5367	7424	7866	5878	6549	7643	7713	8385
28	3340	5094	5624	7248	7807	6146	7011	8182	8223	8689
29	3564	5295	5882	7072	7748	6414	7473	8721	8732	9753
30	3788	5497	6140	6896	7680	6683	7935	9260	9242	10438
31	3854	5527	6135	6970	7820	7048	8519	9941	9910	11120
32	3920	5558	6131	7045	7950	7414	9103	10623	10579	11802
33	3966	5589	6127	7120	8021	7779	9687	11304	11248	12484
34	4052	5620	6123	7195	8211	8145	10271	11986	11917	13186
35	4118	5651	6119	7270	8342	8510	10856	12668	12586	13848
36	4181	5682	6114	7344	8472	8776	11440	13343	13256	14630
37	4250	5713	6110	7419	8602	9241	12024	14031	13924	15212
38	4316	5744	6106	7494	8733	9607	12608	14712	14593	15894
39	4382	5775	6102	7569	8863	9972	13192	15394	15262	16576
40	4448	5806	6098	7644	8994	10338	13777	16076	15931	17258
41	4465	5740	6116	7612	8980	10319	13703	15990	15834	17272
42	4483	5675	6135	7580	8967	10301	13630	15905	15737	17287
43	4201	5609	6154	7548	8954	10282	13557	15820	15640	17302
44	4118	5544	6172	7516	8941	10264	13484	15734	15543	17317
45	4036	5478	6191	7484	8928	10245	13411	15649	15445	17332
46	3954	5413	6210	7452	8915	10227	13338	15564	15343	17347
47	3871	5347	6228	7420	8902	10208	13265	15478	15252	17362
48	3789	5282	6247	7388	8889	10190	13192	15393	15155	17377
49	3707	5216	6266	7356	8876	10171	13119	15308	15068	17392





50	*	3506	6151	6225	7324	8443	10124	13099	15282	17444
51	*	3507	5077	6135	7304	8441	10124	13099	15282	17444
52	*	3508	5078	6136	7305	8442	10125	13100	15283	17445
53	*	3509	5079	6137	7306	8443	10126	13101	15284	17446
54	*	3510	5080	6138	7307	8444	10127	13102	15285	17447
55	*	3511	5081	6139	7308	8445	10128	13103	15286	17448
56	*	3512	5082	6140	7309	8446	10129	13104	15287	17449
57	*	3513	5083	6141	7310	8447	10130	13105	15288	17450
58	*	3514	5084	6142	7311	8448	10131	13106	15289	17451
59	*	3515	5085	6143	7312	8449	10132	13107	15290	17452
60	*	3516	5086	6144	7313	8450	10133	13108	15291	17453
61	*	3517	5087	6145	7314	8451	10134	13109	15292	17454
62	*	3518	5088	6146	7315	8452	10135	13110	15293	17455
63	*	3519	5089	6147	7316	8453	10136	13111	15294	17456
64	*	3520	5090	6148	7317	8454	10137	13112	15295	17457
65	*	3521	5091	6149	7318	8455	10138	13113	15296	17458
66	*	3522	5092	6150	7319	8456	10139	13114	15297	17459
67	*	3523	5093	6151	7320	8457	10140	13115	15298	17460
68	*	3524	5094	6152	7321	8458	10141	13116	15299	17461
69	*	3525	5095	6153	7322	8459	10142	13117	15300	17462
70	*	3526	5096	6154	7323	8460	10143	13118	15301	17463



MEAN FULL EMPLOYMENT INCOME

PROVINCE = N.B.

MARITAL STATUS = MARRIED

SEX = FEMALE

EDUCATION ->

AGE	NO SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GRD	RACH LEV	NAST LEV	PAD
14	869	852	1091	2149	2182	4160	4770	5567	5813	5584
15	869	852	1091	2149	2182	4160	4770	5567	5813	5584
16	869	852	1091	2149	2182	4160	4770	5567	5813	5584
17	869	852	1091	2149	2182	4160	4770	5567	5813	5584
18	869	852	1091	2149	2182	4160	4770	5567	5813	5584
19	869	852	1091	2149	2182	4160	4770	5567	5813	5584
20	869	852	1091	2149	2182	4160	4770	5567	5813	5584
21	869	852	1091	2149	2182	4160	4770	5567	5813	5584
22	869	852	1091	2149	2182	4160	4770	5567	5813	5584
23	869	852	1091	2149	2182	4160	4770	5567	5813	5584
24	869	852	1091	2149	2182	4160	4770	5567	5813	5584
25	869	852	1091	2149	2182	4160	4770	5567	5813	5584
26	869	852	1091	2149	2182	4160	4770	5567	5813	5584
27	869	852	1091	2149	2182	4160	4770	5567	5813	5584
28	869	852	1091	2149	2182	4160	4770	5567	5813	5584
29	869	852	1091	2149	2182	4160	4770	5567	5813	5584
30	869	852	1091	2149	2182	4160	4770	5567	5813	5584
31	869	852	1091	2149	2182	4160	4770	5567	5813	5584
32	869	852	1091	2149	2182	4160	4770	5567	5813	5584
33	869	852	1091	2149	2182	4160	4770	5567	5813	5584
34	869	852	1091	2149	2182	4160	4770	5567	5813	5584
35	869	852	1091	2149	2182	4160	4770	5567	5813	5584
36	869	852	1091	2149	2182	4160	4770	5567	5813	5584
37	869	852	1091	2149	2182	4160	4770	5567	5813	5584
38	869	852	1091	2149	2182	4160	4770	5567	5813	5584
39	869	852	1091	2149	2182	4160	4770	5567	5813	5584
40	869	852	1091	2149	2182	4160	4770	5567	5813	5584
41	869	852	1091	2149	2182	4160	4770	5567	5813	5584
42	869	852	1091	2149	2182	4160	4770	5567	5813	5584
43	869	852	1091	2149	2182	4160	4770	5567	5813	5584
44	869	852	1091	2149	2182	4160	4770	5567	5813	5584
45	869	852	1091	2149	2182	4160	4770	5567	5813	5584
46	869	852	1091	2149	2182	4160	4770	5567	5813	5584
47	869	852	1091	2149	2182	4160	4770	5567	5813	5584
48	869	852	1091	2149	2182	4160	4770	5567	5813	5584
49	869	852	1091	2149	2182	4160	4770	5567	5813	5584



51	1122	2219	4314	4918	1118	7176	7071	2214
52	1124	2217	4310	4918	1230	7152	7061	2212
53	1125	2215	4306	5018	6301	7150	7050	2210
54	1126	2213	4302	5048	6482	7146	7040	2208
55	1128	2211	4298	5118	6473	7144	7038	2206
56	1131	2060	4294	5178	6473	7140	7034	2204
57	1133	2008	4290	5218	6664	7131	7028	2202
58	1136	1956	4286	5268	6755	7123	7022	2200
59	1138	1904	4282	5318	6846	7115	7016	2198
60	1140	1852	4278	5368	6937	7107	7010	2196
61	1143	1801	4274	5418	7029	7099	7004	2194
62	1145	1750	4270	5468	7121	7091	7000	2192
63	1148	1700	4266	5518	7213	7083	6996	2190
64	1151	1650	4262	5568	7305	7075	6992	2188
65	1154	1600	4258	5618	7397	7067	6988	2186
66	1157	1550	4254	5668	7489	7059	6984	2184
67	1160	1500	4250	5718	7581	7051	6980	2182
68	1163	1450	4246	5768	7673	7043	6976	2180
69	1166	1400	4242	5818	7765	7035	6972	2178
70	1169	1350	4238	5868	7857	7027	6968	2176





MEAN FULL EMPLOYMENT INCOME

PROVINCE = N.B.

CAPITAL STATUS = OTHER

SEX = MALE

EDUCATION

AGE	AC SCH	SOME ELE	COMP ELE	SOME PS	COMP PS	SOME UNI	CAAT GRD	BACH LEV	MAST LEV	PMD
14	1373	2274	2724	3109	3387	2402	3880	4528	4728	4542
15	1373	2274	2724	3109	3387	2402	3880	4528	4728	4542
16	1373	2274	2724	3109	3387	2402	3880	4528	4728	4542
17	1373	2274	2724	3109	3387	2402	3880	4528	4728	4542
18	1373	2274	2724	3109	3387	2402	3880	4528	4728	4542
19	1373	2274	2724	3109	3387	2402	3880	4528	4728	4542
20	1373	2274	2724	3109	3387	2402	3880	4528	4728	4542
21	1626	2651	3022	5113	6597	3177	3880	4528	4728	4542
22	1695	3029	3440	7118	7307	3953	3880	4528	4728	4542
23	2186	3268	3865	6998	7264	4459	4344	5069	5242	5222
24	2274	3507	4291	6879	7221	4965	4808	5611	5757	5903
25	2562	3747	4716	6760	7179	5471	5272	6153	6271	6584
26	2750	3936	5142	6641	7136	5977	5737	6695	6786	7265
27	2937	4225	5567	6521	7093	6483	6201	7236	7300	7945
28	3125	4515	6003	6402	7051	6999	6685	7778	7815	8274
29	3313	4704	6418	6283	7008	7495	7129	8329	8329	9307
30	3501	4944	6844	6164	6966	8002	7594	8844	8844	9922
31	3695	5001	6871	6337	7024	7977	7816	9121	9094	10219
32	3890	5059	6868	6510	7083	7952	8038	9345	9345	10450
33	3785	5116	6925	6683	7142	7927	8260	9540	9540	10681
34	3879	5174	6952	6856	7201	7902	8483	9847	9847	10912
35	3974	5232	6979	7029	7260	7877	8705	10150	10098	11143
36	4069	5289	7006	7202	7319	7852	8927	10418	10348	11374
37	4163	5347	7033	7375	7378	7827	9150	10677	10599	11605
38	4258	5404	7060	7548	7437	7802	9372	10937	10850	11838
39	4353	5462	7087	7721	7496	7777	9594	11196	11101	12067
40	4448	5520	7114	7894	7555	7753	9817	11456	11352	12298
41	4543	5578	7280	7748	7476	7865	9503	11690	10983	11959
42	4638	5636	7447	7602	7397	7978	9190	11924	10614	11621
43	4733	5694	7614	7457	7318	8091	8877	12158	10245	11283
44	4828	5752	7781	7311	7239	8203	8563	12393	9877	10948
45	4923	5810	7948	7166	7161	8316	8250	12627	9508	10607
46	5018	5868	8115	7020	7082	8429	7937	12861	9139	10269
47	5113	5926	8282	6874	7003	8541	7623	13095	8771	9931
48	5208	5984	8449	6729	6924	8654	7310	13329	8402	9593
49	5303	6042	8616	6583	6845	8767	6997	13563	8033	9255



















MEAN FULL EMPLOYMENT INCOME

PROVINCE = P.O.

CAPITAL STATUS = SINGLE

SEX = MALE

EDUCATION ->

AGE	NO SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT	GRD	RACH	LEV	NAST	LEV	P.D.
14	1698	2811	3368	3897	4872	3289	3777		4409		4602		4421
15	1698	2811	3368	3897	4872	3289	3777		4409		4602		4421
16	1698	2811	3368	3897	4872	3289	3777		4409		4602		4421
17	1698	2811	3368	3897	4872	3289	3777		4409		4602		4421
18	1698	2811	3368	3897	4872	3289	3777		4409		4602		4421
19	1698	2811	3368	3897	4872	3289	3777		4409		4602		4421
20	1698	2811	3368	3897	4872	3289	3777		4409		4602		4421
21	2068	2950	3480	5312	6104	3677	3777		4409		4602		4421
22	2439	3089	3592	6728	7336	4145	3777		4409		4602		4421
23	2570	3111	3783	6620	7348	4329	3777		4409		4602		4421
24	2712	3134	3974	6513	7361	4714	3777		4409		4602		4421
25	2833	3157	4165	6406	7373	5137	3777		4409		4602		4421
26	2965	3180	4356	6299	7386	5482	3777		4409		4602		4421
27	3097	3202	4547	6192	7398	5826	3777		4409		4602		4421
28	3228	3225	4738	6085	7411	6170	3777		4409		4602		4421
29	3360	3248	4929	5978	7423	6514	3777		4409		4602		4421
30	3492	3271	5120	5871	7436	6859	3777		4409		4602		4421
31	3676	3379	5248	5888	7450	6993	3777		4409		4602		4421
32	3860	3488	5376	5905	7576	7128	3777		4409		4602		4421
33	4044	3596	5504	5922	7646	7262	3777		4409		4602		4421
34	4229	3705	5633	5939	7716	7397	3777		4409		4602		4421
35	4413	3813	5761	5957	7786	7532	3777		4409		4602		4421
36	4597	3922	5889	5974	7856	7656	3777		4409		4602		4421
37	4782	4030	6018	5991	7926	7801	3777		4409		4602		4421
38	4966	4139	6146	6008	7996	7935	3777		4409		4602		4421
39	5150	4247	6274	6025	8066	8070	3777		4409		4602		4421
40	5335	4356	6403	6043	8137	8205	3777		4409		4602		4421
41	5520	4464	6531	6126	8208	8343	3777		4409		4602		4421
42	5705	4573	6659	6210	8286	8481	3777		4409		4602		4421
43	5890	4682	6787	6293	8336	8619	3777		4409		4602		4421
44	6075	4791	6915	6377	8386	8757	3777		4409		4602		4421
45	6260	4900	7043	6460	8436	8895	3777		4409		4602		4421
46	6445	5009	7171	6544	8486	9033	3777		4409		4602		4421
47	6630	5118	7299	6627	8536	9171	3777		4409		4602		4421
48	6815	5227	7427	6711	8586	9309	3777		4409		4602		4421
49	7000	5336	7555	6794	8636	9447	3777		4409		4602		4421





51	4101	4095	5665	6757	6556	10742	10818	12128	1384
52	4102	4096	5666	6758	6557	10743	10819	12129	1385
53	4103	4097	5667	6759	6558	10744	10820	12130	1386
54	4104	4098	5668	6760	6559	10745	10821	12131	1387
55	4105	4099	5669	6761	6560	10746	10822	12132	1388
56	4106	4100	5670	6762	6561	10747	10823	12133	1389
57	4107	4101	5671	6763	6562	10748	10824	12134	1390
58	4108	4102	5672	6764	6563	10749	10825	12135	1391
59	4109	4103	5673	6765	6564	10750	10826	12136	1392
60	4110	4104	5674	6766	6565	10751	10827	12137	1393
61	4111	4105	5675	6767	6566	10752	10828	12138	1394
62	4112	4106	5676	6768	6567	10753	10829	12139	1395
63	4113	4107	5677	6769	6568	10754	10830	12140	1396
64	4114	4108	5678	6770	6569	10755	10831	12141	1397
65	4115	4109	5679	6771	6570	10756	10832	12142	1398
66	4116	4110	5680	6772	6571	10757	10833	12143	1399
67	4117	4111	5681	6773	6572	10758	10834	12144	1400
68	4118	4112	5682	6774	6573	10759	10835	12145	1401
69	4119	4113	5683	6775	6574	10760	10836	12146	1402
70	4120	4114	5684	6776	6575	10761	10837	12147	1403



[illegible]

CONVANCE = D.C.

# STATISTICS

SEXP = XFS

[illegible]



51	*	1853	4049	4503	5596	6717	7399	8193	8541	8444	10493
52	*	1853	4049	4503	5597	6717	7399	8193	8541	8444	10493
53	*	2315	3993	4424	5597	6685	7399	8154	8514	8453	10467
54	*	2547	3925	4265	5518	6653	7399	8116	8471	8433	10467
55	*	2779	3867	4185	5479	6621	7399	8078	8427	8422	10467
56	*	3010	3809	4106	5439	6589	7399	8039	8382	8422	10467
57	*	3242	3751	4026	5400	6557	7399	8001	8337	8412	10467
58	*	3474	3693	3947	5360	6525	7399	7962	8292	8401	10467
59	*	3706	3635	3867	5321	6493	7399	7924	8247	8391	10467
60	*	3938	3577	3798	5282	6462	7399	7886	8203	8381	10467
61	*	3850	3593	3759	5162	6367	7399	7972	8203	8251	10467
62	*	3763	3609	3709	5043	6273	7399	8059	8404	8121	10467
63	*	3675	3625	3604	4923	6179	7399	8145	8505	8091	10467
64	*	3588	3641	3810	4804	6133	7399	8232	8604	8862	10467
65	*	3501	3657	3815	4684	6084	7399	8318	8707	8722	10467
66	*	3413	3673	3821	4565	5962	7399	8405	8807	8602	10467
67	*	3326	3689	3826	4445	5891	7399	8491	9008	8473	10467
68	*	3238	3705	3822	4326	5707	7399	8578	10008	8343	10467
69	*	3151	3721	3827	4206	5613	7399	8664	10110	8213	10467
70	*	3064	3738	3843	4087	5519	7399	8751	10211	8084	10467





PROVINCE = P.G.

MARITAL STATUS = MARRIED

SEX = MALE

RELATIONSHIP

AGE	MC	SCH	SOME	ELE	COMP	FLE	SOME	HS	COMP	HS	SOME	UNI	CAAT	CRD	RACH	LEV	PAST	LEV	P.D
14	*	1698	2811	3368	3897	4872	3299	5027	5867	6126	5885								
15	*	1698	2811	3368	3897	4872	3289	5027	5867	6126	5885								
16	*	1698	2811	3368	3897	4872	3289	5027	5867	6126	5885								
17	*	1698	2811	3368	3897	4872	3289	5027	5867	6126	5885								
18	*	1698	2811	3368	3897	4872	3289	5027	5867	6126	5885								
19	*	1698	2811	3368	3897	4872	3289	5027	5867	6126	5885								
20	*	1698	2811	3368	3897	4872	3289	5027	5867	6126	5885								
21	*	2068	3776	4171	6461	8870	4334	5027	5867	6126	5885								
22	*	2439	4741	4975	9026	8869	5380	5027	5867	6126	5885								
23	*	2712	4987	5290	8849	8822	5543	5027	5867	6126	5885								
24	*	2685	5233	5605	8673	8775	5963	6059	6469	6693	6655								
25	*	3258	5480	5920	8497	8728	6254	6575	7071	7260	7425								
26	*	3532	6726	6236	8321	8681	6545	7092	8276	8355	8195								
27	*	3805	6972	6551	8145	8634	6837	7609	8781	8962	8965								
28	*	4078	6219	6856	7969	8587	7129	8124	9481	9530	9075								
29	*	4351	6465	7181	7793	8540	7420	8640	10083	10097	10575								
30	*	4625	6712	7457	7617	8494	7712	9157	10688	10665	11275								
31	*	4898	6737	7478	7702	8641	8155	9859	11505	11469	12045								
32	*	4767	6762	7460	7787	8738	8599	10562	12325	12274	12867								
33	*	4838	6787	7442	7873	8936	9091	11264	13146	13079	13690								
34	*	4909	6812	7424	7958	9083	9484	11567	13965	13834	14513								
35	*	4980	6838	7406	8044	9231	9927	12670	14785	14649	15335								
36	*	5051	6863	7387	8129	9378	10370	13372	15505	15493	16158								
37	*	5122	6888	7369	8214	9525	10813	14075	16426	16281	16941								
38	*	5193	6913	7351	8300	9673	11256	14777	17296	17153	17817								
39	*	5264	6938	7333	8385	9820	11699	15480	18065	17908	18572								
40	*	5335	6964	7315	8471	9968	12143	16183	18885	18713	19449								
41	*	5406	6991	7344	8442	9961	12178	16170	18869	18682	19472								
42	*	5475	6818	7313	8414	9955	12213	16157	18854	18652	19449								
43	*	5545	6745	7313	8385	9949	12248	16144	18830	18622	19449								
44	*	5615	6672	7322	8357	9942	12283	16131	18817	18609	19449								
45	*	5685	6599	7461	8328	9936	12318	16118	18808	18561	19449								
46	*	5755	6526	7450	8300	9930	12353	16105	18793	18531	19449								
47	*	5825	6453	7520	8271	9923	12388	16092	18777	18500	19449								
48	*	5895	6380	7549	8243	9917	12423	16079	18762	18470	19449								
49	*	5965	6307	7578	8214	9911	12458	16066	18747	18440	19449								





51	4210	7100	8117	9824	12472	16065	18793	19801	21334
52	4317	7245	8112	9824	12472	16071	18793	19801	21332
53	4294	7063	8088	9797	12461	16077	18760	19712	21290
54	4271	6882	8064	9770	12454	16083	18767	19718	21268
55	4271	6700	8064	9770	12454	16083	18767	19718	21267
56	4247	6519	8039	9743	12446	16089	18773	19723	21237
57	4224	6337	8015	9716	12438	16095	18781	19729	21184
58	4201	6156	7990	9689	12430	16101	18788	19714	21162
59	4178	5974	7966	9662	12422	16107	18795	19700	21130
60	4155	5793	7942	9636	12415	16113	18802	19686	21098
61	3999	5746	7766	9736	11909	15971	18636	19166	20472
62	3844	5700	7591	9836	11403	15829	18471	19047	19846
63	3629	5654	7415	9936	10897	15687	18105	17428	19221
64	3533	5607	7240	10036	10391	15545	18140	16929	18585
65	3378	5561	7065	10137	9886	15404	17975	16370	17970
66	3223	5515	6889	10237	9380	15262	17809	15811	17344
67	3067	5468	6714	10337	8874	15120	17644	15252	16718
68	2912	5422	6538	10437	8368	14978	17478	14693	16093
69	2757	5376	6363	10537	7862	14836	17313	14134	15467
70	2602	5330	6188	10638	7357	14695	17148	13575	14842



PROVINCE = P.C.

MARITAL STATUS = MARRIED

SEX = FEMALE

EDUCATION ----->

AGE	NO	SCH	SCH#	ELE	COMP	ELE	SOME	HS	COMP	HS	SOME	UNI	CAAT	GRD	RACH	LEV	WAST	LEV	PMP
14	1357		1330	1704	3043	3090	6892	5619	5619	6558	6847	6578							
15	1357		1330	1704	3043	3090	6892	5619	5619	6558	6847	6578							
16	1357		1330	1704	3043	3090	6892	5619	5619	6558	6847	6578							
17	1357		1330	1704	3043	3090	6892	5619	5619	6558	6847	6578							
18	1357		1330	1704	3043	3090	6892	5619	5619	6558	6847	6578							
19	1357		1330	1704	3043	3090	6892	5619	5619	6558	6847	6578							
20	1357		1330	1704	3043	3090	6892	5619	5619	6558	6847	6578							
21	1400		2222	2241	3450	3772	5984	5619	5619	6558	6847	6578							
22	1444		3114	2776	3857	4454	5076	5619	5619	6558	6847	6578							
23	1480		3192	2960	3979	4623	5001	5452	5452	6363	6711	6569							
24	1516		3270	3142	4101	4792	5106	5285	5285	6265	6441	6561							
25	2153		3347	3324	4223	4662	5121	5285	5285	6168	6306	6545							
26	2369		3425	3507	4346	5131	5137	5201	5201	6070	6171	6537							
27	2625		3502	3689	4468	5300	5152	5118	5118	5973	6036	6529							
28	2862		3580	3871	4590	5470	5167	5034	5034	5875	5901	6521							
29	3098		3657	4053	4712	5639	5182	4961	4961	5778	5766	6513							
30	3335		3735	4236	4835	5809	5198	5242	5242	6118	6059	6847							
31	3571		3811	4225	4817	5799	5366	4634	4634	6799	6765	7141							
32	3714		3882	4214	4800	4766	5634	5826	5826	6799	6765	7141							
33	3702		3725	4203	4783	5781	5703	6118	6118	7140	7069	7850							
34	3292		3721	4192	4766	5771	5871	6410	6410	7480	7432	8185							
35	3281		3718	4181	4749	5762	6040	6701	6701	7821	7765	8510							
36	3270		3715	4170	4732	5753	6208	6993	6993	8161	8059	8853							
37	3260		3711	4159	4715	5743	6376	7285	7285	8502	8432	9188							
38	3249		3708	4148	4698	5734	6545	7577	7577	8842	8765	9522							
39	3238		3705	4137	4681	5725	6713	7869	7869	9183	9099	9857							
40	3228		3702	4127	4664	5716	6892	7760	7760	9056	8997	9776							
41	3067		3692	4131	4640	5663	6739	7652	7652	8929	8835	9696							
42	2906		3683	4135	4616	5610	6506	7543	7543	8803	8703	9615							
43	2745		3674	4140	4592	5558	6453	7435	7435	8676	8571	9535							
44	2584		3665	4144	4568	5505	6311	7326	7326	8550	8440	9374							
45	2424		3656	4140	4544	5453	6169	7218	7218	8423	8308	9294							
46	2263		3646	4153	4520	5400	6025	7109	7109	8296	8176	9213							
47	2102		3637	4157	4496	5347	5883	7001	7001	8170	8044	9133							
48	1941		3628	4162	4472	5295	5740	6892	6892	8043	7912	9133							
49	1780		3619	4166	4448	5242	5597												



51	*	1700	4372	5125	5506	6909	8132	9131
52	*	4170	4347	5093	5532	6972	8091	9248
53	*	4170	4347	5060	5558	7034	8165	9313
54	*	4169	4322	5028	5584	7097	8298	9379
55	*	4169	4296	5028	5584	7160	8402	9444
56	*	4169	4270	4996	5609	7222	8535	9509
57	*	4168	4245	4963	5635	7222	8535	9509
58	*	4168	4219	4931	5661	7285	8609	9574
59	*	4168	4193	4899	5687	7348	8712	9639
60	*	4168	4168	4867	5713	7411	8816	9705
61	*	4130	4061	4809	5652	7545	8742	9618
62	*	4052	3954	4751	5502	7679	8669	9531
63	*	4054	3848	4693	5531	7813	8596	9444
64	*	4016	3741	4636	5471	7947	8523	9358
65	*	3978	3635	4578	5411	8081	8450	9271
66	*	3940	3528	4520	5350	8215	8376	9184
67	*	3902	3421	4463	5290	8349	8303	9098
68	*	3864	3315	4405	5229	8483	8230	9011
69	*	3826	3208	4347	5169	8617	8157	8924
70	*	3789	3102	4290	5109	8751	8084	8838





PROVINCE = P.C.

MARITAL STATUS = MTD

SFX = VALF

EDUCATION

AGE	NO. SCH	SPR. FLD	COMP. FLD	SMME HS	COMP HS	SPME INT	CAAT. GDP	DACH. LBY	EAST. LBY	EDUC.
14	1698	2911	3348	3897	4872	3280	4601	5388	5605	6346
15	1698	2911	3348	3897	4872	3280	4601	5388	5605	6346
16	1698	2911	3348	3897	4872	3280	4601	5388	5605	6346
17	1698	2911	3348	3897	4872	3280	4601	5388	5605	6346
18	1698	2911	3348	3897	4872	3280	4601	5388	5605	6346
19	1698	2911	3348	3897	4872	3280	4601	5388	5605	6346
20	1698	2911	3348	3897	4872	3280	4601	5388	5605	6346
21	2068	4243	5712	6514	6416	3077	4601	5388	5605	6346
22	2068	4243	5712	6514	6416	3077	4601	5388	5605	6346
23	2668	4243	5712	7502	7878	4251	5121	6376	6745	8162
24	2668	4243	5712	7502	7878	4251	5121	6376	6745	8162
25	3127	4673	6766	7386	7847	6301	6161	7122	7312	7627
26	3127	4673	6766	7386	7847	6301	6161	7122	7312	7627
27	3586	6161	6766	7155	7786	7528	7202	7764	7915	8344
28	3586	6161	6766	7155	7786	7528	7202	7764	7915	8344
29	4011	6766	7318	7038	7786	8077	7722	8017	8225	8970
30	4274	6766	7318	6923	7786	8077	8242	8617	8833	11718
31	4301	6766	7318	6923	7786	8077	8242	8617	8833	11718
32	4467	6766	7318	7002	7786	8077	8242	8617	8833	11718
33	4467	6766	7318	7002	7786	8077	8242	8617	8833	11718
34	4467	6766	7318	7002	7786	8077	8242	8617	8833	11718
35	4467	6766	7318	7002	7786	8077	8242	8617	8833	11718
36	4467	6766	7318	7002	7786	8077	8242	8617	8833	11718
37	4467	6766	7318	7002	7786	8077	8242	8617	8833	11718
38	5123	6766	7318	8166	8169	9157	10424	12183	12283	13278
39	5123	6766	7318	8166	8169	9157	10424	12183	12283	13278
40	5123	6766	7318	8166	8169	9157	10424	12183	12283	13278
41	5123	6766	7318	8166	8169	9157	10424	12183	12283	13278
42	5123	6766	7318	8166	8169	9157	10424	12183	12283	13278
43	5123	6766	7318	8166	8169	9157	10424	12183	12283	13278
44	5123	6766	7318	8166	8169	9157	10424	12183	12283	13278
45	4661	6173	6582	6126	8019	6835	10208	11913	11773	13056
46	4766	6173	6582	7816	7847	10017	9872	11527	11343	12709
47	4671	6173	6582	7816	7847	10017	9872	11527	11343	12709
48	4671	6173	6582	7816	7847	10017	9872	11527	11343	12709
49	4671	6173	6582	7816	7847	10017	9872	11527	11343	12709









MEAN FULL EMPLOYMENT INCOME

PROVINCE = P.O.

CAPITAL STATUS = OTHER

SEX = FEMALE

EDUCATION

AGE	NO SCH	SOME ELP	COND ELP	SOME HS	COMP HS	SOME UNI	CAAT GRD	PACH LEV	NAST LEV	PHD
14	1357	1330	1704	3043	3090	6892	5440	6349	6628	6368
15	1357	1330	1704	3043	3090	6892	5440	6349	6628	6368
16	1357	1330	1704	3043	3090	6892	5440	6349	6628	6368
17	1357	1330	1704	3043	3090	6892	5440	6349	6628	6368
18	1357	1330	1704	3043	3090	6892	5440	6349	6628	6368
19	1357	1330	1704	3043	3090	6892	5440	6349	6628	6368
20	1357	1330	1704	3043	3090	6892	5440	6349	6628	6368
21	1400	1866	2002	3737	3657	6790	5440	6349	6628	6368
22	1400	2402	2300	4431	4225	4628	5440	6349	6628	6368
23	1400	3027	2572	4531	4396	5105	5413	6318	6580	6431
24	1616	3245	2844	4631	4566	5705	5387	6287	6493	6406
25	2153	3666	3117	4731	4737	6244	5360	6256	6426	6480
26	2388	4088	3389	4832	4908	6783	5334	6225	6359	6423
27	2625	4510	3661	4932	5078	7321	5308	6194	6291	6466
28	2802	5031	3934	5032	5249	7860	5211	6162	6228	6460
29	3098	5353	4206	5132	5420	8309	5255	6132	6157	6478
30	3235	5775	4479	5233	5591	8938	5229	6102	6090	6478
31	3330	6202	4643	5322	5694	9603	5457	6088	6349	7130
32	3312	6256	4447	5291	5698	8851	5685	6628	6608	7133
33	3302	5147	4422	5320	5751	8809	5913	6900	6867	7688
34	3292	4938	4416	5349	5805	8764	6141	7166	7127	7810
35	3281	4729	4401	5378	5858	8721	6369	7432	7386	7812
36	3270	4510	4366	5407	5912	8678	6537	7688	7634	7806
37	3260	4310	4369	5436	5965	8634	6825	7964	7905	7808
38	3249	4101	4354	5465	6019	8591	7053	8230	8164	8001
39	3238	3892	4338	5494	6072	8548	7281	8496	8423	8164
40	3228	3683	4323	5524	6126	8505	7509	8762	8683	8407
41	3067	3722	4353	5463	6098	8253	7349	8576	8493	8265
42	2966	3762	4383	5402	6071	8002	7190	8390	8303	8104
43	2745	3802	4413	5341	6044	7751	7031	8204	8113	7902
44	2524	3751	4454	5281	6017	7500	6871	8013	7923	7801
45	2424	3881	4474	5220	5990	7249	6712	8032	7934	7808
46	2263	3921	4504	5159	5963	6908	6553	7646	7544	7408
47	2102	3960	4535	5099	5936	6747	6393	7460	7354	7307
48	1941	4000	4565	5038	5899	6496	6234	7274	7164	7104
49	1780	4040	4595	4977	5882	6245	6075	7088	6974	7004



51	*	1601	3813	4431	4824	5800	6000	6446	6604	6844	7244
52	*	1603	3819	4437	4730	5806	6004	6211	6400	6522	6926
53	*	1714	3846	4463	4663	5865	6064	6276	6466	6577	6983
54	*	1778	3812	4285	4606	5868	6069	6241	6446	6513	6981
55	*	1809	3879	4193	4544	5870	6084	6206	6327	6459	6859
56	*	1841	3845	4121	4232	5873	6089	6271	6384	6516	6921
57	*	1872	3012	4049	4420	5875	6114	6271	6409	6524	6926
58	*	1872	3012	4049	4420	5875	6114	6271	6409	6524	6926
59	*	1904	2878	3977	4358	5878	6129	6301	6435	6556	6952
60	*	1936	2745	3905	4296	5881	6145	6301	6435	6556	6952
61	*	2048	2767	3903	4237	5884	6041	6284	6466	6586	6986
62	*	2161	2789	3901	4179	5707	5937	6003	6271	6410	6803
63	*	2274	2811	3899	4181	5620	5834	5121	5371	5594	5920
64	*	2327	2834	3898	4093	5533	5730	5640	5881	5778	6337
65	*	2500	2856	3895	4005	5446	5627	6158	7184	6183	6754
66	*	2612	2878	3894	3947	5359	5523	6677	7791	6647	7170
67	*	2725	2901	3893	3889	5272	5419	7195	8306	6931	7567
68	*	2838	2923	3891	3831	5185	5316	7714	9001	7315	8004
69	*	2951	2945	3889	3773	5098	5212	8232	9604	7699	8421
70	*	3064	2968	3888	3715	5011	5109	8751	10211	8084	8838





PROVINCE = ONT.

CAPITAL STATUS = SINGLE

SFX = RATE

PERCENTAGE

AGE	NO SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT	GRD	PACH	LEV	NAST	LEV	DND
14	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
15	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
16	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
17	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
18	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
19	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
20	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
21	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
22	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
23	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
24	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
25	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
26	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
27	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
28	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
29	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
30	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
31	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
32	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
33	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
34	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
35	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
36	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
37	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
38	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
39	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
40	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
41	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
42	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
43	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
44	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
45	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
46	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
47	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
48	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741
49	1364	2259	2706	3005	3757	2496	3196	3730	3730	3741	3894	3741	3741





52	*	3260	5888	6684	8780	10448	10758	12600	12416	13337
53	*	4327	5800	6859	8603	10370	9965	11628	11482	13266
54	*	4355	5712	6732	6476	9782	9133	10657	10545	12145
55	*	4384	5624	6605	6349	9184	8300	9686	9608	11024
56	*	4413	5536	6478	6221	8605	7468	8714	8671	9903
57	*	4441	5448	6351	6094	8017	6635	7743	7734	8782
58	*	4470	5360	6226	5967	7429	5803	6771	6767	7651
59	*	4499	5272	6097	5840	6841	4970	5800	5860	6540
60	*	4528	5184	5971	5713	6253	4138	4829	4923	5419
61	*	4555	5098	5886	6180	6366	5199	6067	5793	6366
62	*	4583	5012	5801	6647	6479	6260	7305	6663	7314
63	*	4611	4926	5716	7114	6592	7321	8543	7533	8262
64	*	4639	4840	5631	7581	6705	8382	9782	8404	9210
65	*	4667	4754	5546	8049	6818	8844	11620	9274	12158
66	*	4695	4668	5461	8516	6931	10505	12258	10144	11105
67	*	4723	4582	5376	8983	7044	11566	13497	11015	12053
68	*	4751	4500	5291	9450	7157	12627	14735	11885	13001
69	*	4779	4418	5206	9917	7270	13688	15973	12755	13949
70	*	4807	4336	5121	10385	7384	14750	17212	13626	14897



PROVINCE = CNT.

MARITAL STATUS = SINGLE

SEX = FEMALE

EDUCATION

AGE	NC SCH	SOME FLE	COMP FLE	SOME HS	COMP HS	SOME UNI	CAAT GRD	RACH LEV	MAST LEV	PID
14	1304	1279	1638	2760	2803	3382	5608	5640	5613	5670
15	1304	1279	1638	2760	2803	3382	5608	5640	5613	5670
16	1304	1279	1638	2760	2803	3382	5608	5640	5613	5670
17	1304	1279	1638	2760	2803	3382	5608	5640	5613	5670
18	1304	1279	1638	2760	2803	3382	5608	5640	5613	5670
19	1304	1279	1638	2760	2803	3382	5608	5640	5613	5670
20	1304	1279	1638	2760	2803	3382	5608	5640	5613	5670
21	1367	1737	1842	3215	3380	4017	5608	5640	5613	5670
22	1431	2195	2047	3671	3957	4652	5608	5640	5613	5670
23	1641	2220	2312	3755	4204	4818	5791	6758	6943	6896
24	1851	2245	2577	3839	4451	4985	5885	6888	7014	6896
25	2061	2270	2843	3923	4698	5151	5979	6978	7186	7350
26	2271	2295	3108	4082	4945	5318	6073	7088	7227	7577
27	2481	2320	3373	4082	5192	5485	6167	7187	7288	7803
28	2691	2345	3629	4176	5439	5651	6261	7307	7389	8030
29	2901	2370	3904	4260	5686	5818	6355	7417	7440	8257
30	3111	2395	4170	4345	5934	5985	6449	7512	7512	8484
31	3112	2414	4122	4432	5969	6256	6622	7728	7706	8600
32	3113	2634	4075	4519	6004	6527	6795	7930	7901	8836
33	3115	2753	4028	4607	6039	6708	6968	8132	8095	9012
34	3116	2873	3981	4694	6074	7069	7141	8333	8290	9188
35	3118	2992	3934	4782	6110	7341	7314	8535	8485	9385
36	3119	3112	3886	4869	6145	7612	7487	8737	8679	9531
37	3120	3231	3839	4956	6180	7843	7660	8938	8874	9717
38	3122	3351	3792	5044	6215	8154	7833	9140	9068	9893
39	3123	3470	3740	5131	6250	8425	8006	9342	9263	10069
40	3125	3590	3698	5219	6286	8697	8179	9544	9458	10246
41	2970	3637	3716	5263	6334	8999	8375	9773	9675	10575
42	2816	3685	3854	5308	6382	9502	8572	10003	9893	10904
43	2662	3732	3932	5353	6430	8404	8769	10232	10111	11233
44	2609	3780	4010	5397	6478	8307	8985	10482	10329	11542
45	2754	3827	4089	5442	6527	8162	9162	10692	10547	11802
46	2199	3875	4167	5487	6575	8112	9359	10921	10764	12221
47	2045	3922	4245	5531	6623	8014	9555	11151	10982	12550
48	1801	4070	4323	5576	6671	7917	9792	11360	11200	12879
49	1737	4017	4401	5621	6719	7819	9949	11610	11418	13208



51	*	3007	3698	6800	7054	10172	11070	11754	1222
52	*	3007	5710	6870	8070	10173	11086	11813	1222
53	*	3007	5730	6870	8186	10198	11081	11872	1222
54	*	3007	5746	6870	8303	10212	11081	11931	1222
55	*	3007	5762	6870	8410	10226	11081	11990	1222
56	*	3007	5778	6870	8535	10238	11081	12052	1222
57	*	3007	5794	6870	8651	10251	11081	12113	1222
58	*	3007	5810	6870	8767	10264	11081	12174	1222
59	*	3007	5826	6870	8884	10277	11081	12234	1222
60	*	3007	5842	6870	8991	10291	11081	12294	1222
61	*	3007	5857	6870	9099	10304	11081	12354	1222
62	*	3007	5873	6870	9207	10317	11081	12414	1222
63	*	3007	5889	6870	9314	10331	11081	12474	1222
64	*	3007	5904	6870	9422	10344	11081	12534	1222
65	*	3007	5920	6870	9530	10357	11081	12594	1222
66	*	3007	5935	6870	9638	10371	11081	12654	1222
67	*	3007	5951	6870	9746	10384	11081	12714	1222
68	*	3007	5966	6870	9854	10398	11081	12774	1222
69	*	3007	5982	6870	9962	10411	11081	12834	1222
70	*	3007	5997	6870	10070	10425	11081	12894	1222





PROVINCE = CNT.

MARITAL STATUS = MARRIED

SEX = MALE

EDUCATION ----->

AGE	NO SCH	SOME ELP	COMP ELP	SOME HS	COMP HS	SOME UNI	CAAT GRD	BACH LEV	MAST LEV	DIN
14	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
15	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
16	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
17	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
18	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
19	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
20	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
21	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
22	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
23	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
24	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
25	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
26	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
27	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
28	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
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30	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
31	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
32	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
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38	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
39	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
40	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
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42	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
43	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
44	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
45	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
46	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
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48	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981
49	1364	2259	2706	3005	3757	2496	4254	4965	5184	4981





52	*	4593	7610	8585	10340	1406	17200	20140	22002
53	*	4582	7426	8579	10341	1389	17261	20112	22002
54	*	4570	7314	8517	10312	1381	17262	20092	21861
55	*	4559	7141	8435	10204	1368	17264	20167	21860
56	*	4548	6960	8342	10246	1366	17265	20342	21778
57	*	4537	6796	8246	10226	1354	17266	20317	21737
58	*	4525	6624	8140	10175	1331	17267	20392	21695
59	*	4514	6451	8034	10169	1318	17268	20467	21654
60	*	4503	6279	7939	10111	1306	17270	20542	21613
61	*	4492	6201	7824	10181	1271	17018	19860	21841
62	*	4439	6123	7890	10181	1212	16766	19188	21080
63	*	4358	6046	7656	10201	1152	16514	18467	20298
64	*	3776	5968	7421	10221	1097	16270	17775	19824
65	*	3405	5891	7187	10241	1034	16010	17084	18755
66	*	3413	5817	6953	10261	975	15750	16392	17983
67	*	3271	5735	6712	10281	918	15506	16700	17211
68	*	3050	5648	6484	10301	856	15254	15009	16420
69	*	2858	5560	6250	10321	797	15002	14317	15682
70	*	2687	5503	6016	10342	738	14750	13626	14897



PROVINCE = CAT.

MARITAL STATUS = MARRIED

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# EDUCATION



51	*	1710	2442	4070	4423	5117	6757	8815	10024	10934	11414
52	*	1837	2447	4072	4452	5217	6842	8859	10120	11030	11510
53	*	1954	2448	4073	4470	5236	6918	8873	10122	11032	11512
54	*	2002	2449	4074	4478	5255	6933	8886	10123	11033	11513
55	*	2020	2450	4075	4486	5274	6948	8900	10124	11034	11514
56	*	2037	2451	4076	4494	5293	6963	8914	10125	11035	11515
57	*	2054	2452	4077	4502	5312	6978	8927	10126	11036	11516
58	*	2072	2453	4078	4510	5331	6993	8941	10127	11037	11517
59	*	2090	2454	4079	4518	5350	7008	8955	10128	11038	11518
60	*	2107	2455	4080	4526	5369	7023	8969	10129	11039	11519
61	*	2125	2456	4081	4534	5388	7038	8983	10130	11040	11520
62	*	2143	2457	4082	4542	5407	7053	8997	10131	11041	11521
63	*	2161	2458	4083	4550	5426	7068	9011	10132	11042	11522
64	*	2179	2459	4084	4558	5445	7083	9025	10133	11043	11523
65	*	2197	2460	4085	4566	5464	7098	9039	10134	11044	11524
66	*	2215	2461	4086	4574	5483	7113	9053	10135	11045	11525
67	*	2233	2462	4087	4582	5502	7128	9067	10136	11046	11526
68	*	2251	2463	4088	4590	5521	7143	9081	10137	11047	11527
69	*	2269	2464	4089	4598	5540	7158	9095	10138	11048	11528
70	*	2287	2465	4090	4606	5559	7173	9109	10139	11049	11529





PROVINCE = CNT.

CAPITAL STATUS = OTHER

SEX = M

EDUCATION

AGE	NO SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GRD	RACH LEV	NAST LEV	PND
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17	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
18	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
19	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
20	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
21	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
22	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
23	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
24	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
25	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
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27	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
28	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
29	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
30	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
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44	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
45	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
46	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
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48	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557
49	1364	2259	2706	3005	3757	2496	3893	4543	4744	4557





53	*	4381	9393	7641	8084	12025	2709	1180	11217	12823
54	*	4383	9397	7655	8146	12164	10142	11826	11800	13434
55	*	4386	9401	7709	8208	12303	10576	12342	12354	13920
56	*	4389	9406	7743	8270	12442	11010	12848	12907	14526
57	*	4151	7610	7716	8331	12580	11443	13354	13461	15071
58	*	4074	7014	7810	8393	12719	11877	13885	14014	15817
59	*	3596	6418	7844	8455	12858	12310	14366	14548	16163
60	*	3919	5822	7878	8517	12997	12744	14872	15121	16709
61	*	3842	5227	7912	8579	13136	13178	15378	15675	17255
62	*	3726	5220	7497	8797	12560	13335	15561	15470	17019
63	*	3611	5213	7083	9016	11985	13492	15744	15265	16783
64	*	3495	5206	6668	9235	11410	13649	15928	15060	16547
65	*	3400	5200	6254	9459	10835	13856	16111	14895	16311
66	*	3264	5193	5840	9673	10260	13964	16295	14650	16076
67	*	3149	5186	5425	9892	9684	14121	16478	14445	15840
68	*	3077	5180	5011	10111	9106	14279	16661	14210	15604
69	*	2918	5173	4596	10330	8534	14435	16845	14035	15368
70	*	2802	5166	4182	10549	7959	14592	17028	13830	15132
		2687	5160	3768	10768	7384	14750	17212	13626	14897



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REPLICATION



54	1737	3726	4376	4376	6037	7424	8756	1860	7758	6
54	1738	3727	4377	4377	6038	7425	8757	1861	7759	6
54	1739	3728	4378	4378	6039	7426	8758	1862	7760	6
54	1740	3729	4379	4379	6040	7427	8759	1863	7761	6
54	1741	3730	4380	4380	6041	7428	8760	1864	7762	6
54	1742	3731	4381	4381	6042	7429	8761	1865	7763	6
54	1743	3732	4382	4382	6043	7430	8762	1866	7764	6
54	1744	3733	4383	4383	6044	7431	8763	1867	7765	6
54	1745	3734	4384	4384	6045	7432	8764	1868	7766	6
54	1746	3735	4385	4385	6046	7433	8765	1869	7767	6
54	1747	3736	4386	4386	6047	7434	8766	1870	7768	6
54	1748	3737	4387	4387	6048	7435	8767	1871	7769	6
54	1749	3738	4388	4388	6049	7436	8768	1872	7770	6
54	1750	3739	4389	4389	6050	7437	8769	1873	7771	6
54	1751	3740	4390	4390	6051	7438	8770	1874	7772	6
54	1752	3741	4391	4391	6052	7439	8771	1875	7773	6
54	1753	3742	4392	4392	6053	7440	8772	1876	7774	6
54	1754	3743	4393	4393	6054	7441	8773	1877	7775	6
54	1755	3744	4394	4394	6055	7442	8774	1878	7776	6
54	1756	3745	4395	4395	6056	7443	8775	1879	7777	6
54	1757	3746	4396	4396	6057	7444	8776	1880	7778	6
54	1758	3747	4397	4397	6058	7445	8777	1881	7779	6
54	1759	3748	4398	4398	6059	7446	8778	1882	7780	6
54	1760	3749	4399	4399	6060	7447	8779	1883	7781	6
54	1761	3750	4400	4400	6061	7448	8780	1884	7782	6
54	1762	3751	4401	4401	6062	7449	8781	1885	7783	6
54	1763	3752	4402	4402	6063	7450	8782	1886	7784	6
54	1764	3753	4403	4403	6064	7451	8783	1887	7785	6
54	1765	3754	4404	4404	6065	7452	8784	1888	7786	6
54	1766	3755	4405	4405	6066	7453	8785	1889	7787	6
54	1767	3756	4406	4406	6067	7454	8786	1890	7788	6
54	1768	3757	4407	4407	6068	7455	8787	1891	7789	6
54	1769	3758	4408	4408	6069	7456	8788	1892	7790	6
54	1770	3759	4409	4409	6070	7457	8789	1893	7791	6
54	1771	3760	4410	4410	6071	7458	8790	1894	7792	6
54	1772	3761	4411	4411	6072	7459	8791	1895	7793	6
54	1773	3762	4412	4412	6073	7460	8792	1896	7794	6
54	1774	3763	4413	4413	6074	7461	8793	1897	7795	6
54	1775	3764	4414	4414	6075	7462	8794	1898	7796	6
54	1776	3765	4415	4415	6076	7463	8795	1899	7797	6
54	1777	3766	4416	4416	6077	7464	8796	1900	7798	6
54	1778	3767	4417	4417	6078	7465	8797	1901	7799	6
54	1779	3768	4418	4418	6079	7466	8798	1902	7800	6
54	1780	3769	4419	4419	6080	7467	8799	1903	7801	6
54	1781	3770	4420	4420	6081	7468	8800	1904	7802	6
54	1782	3771	4421	4421	6082	7469	8801	1905	7803	6
54	1783	3772	4422	4422	6083	7470	8802	1906	7804	6
54	1784	3773	4423	4423	6084	7471	8803	1907	7805	6
54	1785	3774	4424	4424	6085	7472	8804	1908	7806	6
54	1786	3775	4425	4425	6086	7473	8805	1909	7807	6
54	1787	3776	4426	4426	6087	7474	8806	1910	7808	6
54	1788	3777	4427	4427	6088	7475	8807	1911	7809	6
54	1789	3778	4428	4428	6089	7476	8808	1912	7810	6
54	1790	3779	4429	4429	6090	7477	8809	1913	7811	6
54	1791	3780	4430	4430	6091	7478	8810	1914	7812	6
54	1792	3781	4431	4431	6092	7479	8811	1915	7813	6
54	1793	3782	4432	4432	6093	7480	8812	1916	7814	6
54	1794	3783	4433	4433	6094	7481	8813	1917	7815	6
54	1795	3784	4434	4434	6095	7482	8814	1918	7816	6
54	1796	3785	4435	4435	6096	7483	8815	1919	7817	6
54	1797	3786	4436	4436	6097	7484	8816	1920	7818	6
54	1798	3787	4437	4437	6098	7485	8817	1921	7819	6
54	1799	3788	4438	4438	6099	7486	8818	1922	7820	6
54	1800	3789	4439	4439	6100	7487	8819	1923	7821	6
54	1801	3790	4440	4440	6101	7488	8820	1924	7822	6
54	1802	3791	4441	4441	6102	7489	8821	1925	7823	6
54	1803	3792	4442	4442	6103	7490	8822	1926	7824	6
54	1804	3793	4443	4443	6104	7491	8823	1927	7825	6
54	1805	3794	4444	4444	6105	7492	8824	1928	7826	6
54	1806	3795	4445	4445	6106	7493	8825	1929	7827	6
54	1807	3796	4446	4446	6107	7494	8826	1930	7828	6
54	1808	3797	4447	4447	6108	7495	8827	1931	7829	6
54	1809	3798	4448	4448	6109	7496	8828	1932	7830	6
54	1810	3799	4449	4449	6110	7497	8829	1933	7831	6
54	1811	3800	4450	4450	6111	7498	8830	1934	7832	6
54	1812	3801	4451	4451	6112	7499	8831	1935	7833	6
54	1813	3802	4452	4452	6113	7500	8832	1936	7834	6
54	1814	3803	4453	4453	6114	7501	8833	1937	7835	6
54	1815	3804	4454	4454	6115	7502	8834	1938	7836	6
54	1816	3805	4455	4455	6116	7503	8835	1939	7837	6
54	1817	3806	4456	4456	6117	7504	8836	1940	7838	6
54	1818	3807	4457	4457	6118	7505	8837	1941	7839	6
54	1819	3808	4458	4458	6119	7506	8838	1942	7840	6
54	1820	3809	4459	4459	6120	7507	8839	1943	7841	6
54	1821	3810	4460	4460	6121	7508	8840	1944	7842	6
54	1822	3811	4461	4461	6122	7509	8841	1945	7843	6
54	1823	3812	4462	4462	6123	7510	8842	1946	7844	6
54	1824	3813	4463	4463	6124	7511	8843	1947	7845	6
54	1825	3814	4464	4464	6125	7512	8844	1948	7846	6
54	1826	3815	4465	4465	6126	7513	8845	1949	7847	6
54	1827	3816	4466	4466	6127	7514	8846	1950	7848	6
54	1828	3817	4467	4467	6128	7515	8847	1951	7849	6
54	1829	3818	4468	4468	6129	7516	8848	1952	7850	6
54	1830	3819	4469	4469	6130	7517	8849	1953	7851	6
54	1831	3820	4470	4470	6131	7518	8850	1954	7852	6
54	1832	3821	4471	4471	6132	7519	8851	1955	7853	6
54	1833	3822	4472	4472	6133	7520	8852	1956	7854	6
54	1834	3823	4473	4473	6134	7521	8853	1957	7855	6
54	1835	3824	4474	4474	6135	7522	8854	1958	7856	6
54	1836	3825	4475	4475	6136	7523	8855	1959	7857	6
54	1837	3826	4476	4476	6137	7524	8856	1960	7858	6
54	1838	3827	4477	4477	6138	7525	8857	1961	7859	6
54	1839	3828	4478	4478	6139	7526	8858	1962	7860	6
54	1840	3829	4479	4479	6140	7527	8859	1963	7861	6
54	1841	3830	4480	4480	6141	7528	8860	1964	7862	6
54	1842	3831	4481	4481	6142	7529	8861	1965	7863	6
54	1843	3832	4482	4482	6143	7530	8862	1966	7864	6
54	1844	3833	4483	4483	6144	7531	8863	1967	7865	6
54	1845	3834	4484	4484	6145	7532	8864	1968	7866	6
54	1846	3835	4485	4485	6146	7533	8865	1969	7867	6
54	1847	3836	4486	4486	6147	7534	8866	1970	7868	6
54	1848	3837	4487	4487	6148	7535	8867	1971	7869	6
54	1849	3838	4488	4488	6149	7536	8868	1972	7870	6
54	1850	3839	4489	4489	6150	7537	8869	1973	7871	6
54	1851	3840	4490	4490	6151	7538	8870	1974	7872	6
54	1852	3841	4491	4491	6152	7539	8871	1975	7873	6
54	1853	3842	4492	4492	6153	7540	8872	1976	7874	6
54	1854	3843	4493	4493	6154	7541	8873	1977	7875	6
54	1855	3844	4494	4494	6155	7542	8874	1978	7876	6
54	1856	3845	4495	4495	6156	7543	8875	1979	7877	6
54	1857	3846	4496	4496	6157	7544	8876	1980	7878	6
54	1858	3847	4497	4497	6158	7545	8877	1981	7879	6
54	1859	3848	4498	4498	6159	7546	8878	1982	7880	6
54	1860	3849	4499	4499	6160	7547	8879	1983	7881	6
54	1861	3850	4500	4500	6161	7548	8880	1984		



PROVINCE = MAN.

CAPITAL STATUS = SINGLE

SEX = M

EDUCATION

AGE	NR SCH	SOME FLE	COMP ELF	SOME HS	COMP HS	SOME UNI	CAAT GRD	PACH LEV	MAST LEV	PIR
14	1176	1946	2332	2932	3666	2939	3332	3889	4060	3001
15	1176	1946	2332	2932	3666	2939	3332	3889	4060	3001
16	1176	1946	2332	2932	3666	2939	3332	3889	4060	3001
17	1176	1946	2332	2932	3666	2939	3332	3889	4060	3001
18	1176	1946	2332	2932	3666	2939	3332	3889	4060	3001
19	1176	1946	2332	2932	3666	2939	3332	3889	4060	3001
20	1176	1946	2332	2932	3666	2939	3332	3889	4060	3001
21	1405	2261	2663	4753	5417	3280	3332	3889	4060	3001
22	2034	2576	3183	6575	7169	3622	3332	3889	4060	3001
23	2163	2613	3183	6459	7169	3955	3672	4285	4433	4408
24	2263	2651	3372	6344	7167	4289	4012	4682	4807	4916
25	2423	2688	3560	6225	7166	4623	4352	5078	5180	5423
26	2552	2726	3750	6114	7115	4957	4602	5478	5584	5801
27	2682	2764	3937	5999	7184	5280	5032	5872	5928	6438
28	2812	2801	4126	5884	7163	5624	5372	6289	6301	6858
29	2942	2839	4314	5769	7162	5958	5712	6706	6768	7282
30	3072	2877	4503	5654	7162	6292	6052	7073	7078	7601
31	3205	2913	4697	5534	7217	6627	6482	7488	7542	8073
32	3339	3070	4892	5414	7252	6962	6813	7904	7936	8483
33	3563	3167	4847	5654	7297	7293	7181	8311	8311	8873
34	3727	3264	4962	5654	7342	7623	7775	8717	8717	9273
35	3891	3361	5077	5654	7387	7958	8218	9178	9178	9773
36	4054	3457	5152	5654	7432	8284	8636	9678	9678	10273
37	4218	3554	5307	5654	7477	8609	9067	10191	10500	11072
38	4382	3651	5422	5654	7522	8935	9498	10684	10993	11674
39	4546	3748	5537	5654	7567	9260	9929	11187	11496	12078
40	4710	3845	5652	5654	7613	9585	10360	11680	11990	12678
41	4874	3942	5767	5742	7658	9900	10809	12177	12486	13078
42	4561	3805	5564	5431	7352	9230	10458	12205	12514	13178
43	4687	3785	5520	5919	7222	8522	10507	12262	12573	13278
44	4813	3765	5477	6008	7091	8814	10557	12320	12629	13378
45	4939	3746	5433	6097	6961	9107	10606	12377	12686	13478
46	5065	3726	5389	6186	6851	9390	10655	12434	12743	13578
47	5191	3706	5346	6274	6700	9691	10705	12492	12801	14030
48	5317	3686	5302	6362	6570	9983	10754	12550	12859	14181
49	5443	3666	5258	6451	6440	10275	10803	12607	12917	14331





68	7	3410	4714	5072	6303	6573	6423	10654	10046	12486
69	*	3210	4713	5061	6066	6076	6768	10181	10046	11432
70	*	2657	4711	5050	6036	6570	7093	10227	10046	11432
71	*	2776	4700	4540	6019	6612	7278	10227	10046	11432
72	*	2452	4719	4728	5831	7584	6563	7658	7622	8702
73	*	2100	4727	4717	6031	7077	6423	7658	7622	8702
74	*	1946	3876	4646	5555	6590	5133	6014	6014	6776
75	*	1693	3905	4575	5245	6093	4418	5210	5210	5213
76	*	1441	3934	4504	5127	5596	3703	4406	4406	4850
77	*	1497	3735	4459	5423	5650	4559	5098	5098	5604
78	*	1554	3537	4415	5720	5705	5416	5791	5791	6358
79	*	1611	3339	4370	6017	5760	6273	7320	7320	7112
80	*	1468	3140	4326	6314	5814	7130	6484	6484	7887
81	*	1725	3012	4222	6111	5850	7987	7870	7870	8621
82	*	1782	2744	4237	6907	5924	8843	8563	8563	9375
83	*	1839	2545	4193	7204	5978	9700	9256	9256	10130
84	*	1896	2347	4148	7501	6033	10557	9949	9949	10884
85	*	1953	2149	4104	7798	6088	11414	10642	10642	11638
86	*	2010	1951	4060	8095	6143	12271	11335	11335	12393



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49

PROVINCE = MAN.

MARITAL STATUS = SINGLE

SEX = FEMALE

EDUCATION - - - - ->

AGE	ED SCH	SOME EIE	COMP EIE	SOME HS	COMP HS	SOME UNI	CAAT GRD	PACT LEV	MAST LEV	PHD
14	1182	1159	1485	2590	2630	4222	5338	6230	6504	6249
15	1182	1159	1485	2590	2630	4222	5338	6230	6504	6249
16	1182	1159	1485	2590	2630	4222	5338	6230	6504	6249
17	1182	1159	1485	2590	2630	4222	5338	6230	6504	6249
18	1182	1159	1485	2590	2630	4222	5338	6230	6504	6249
19	1182	1159	1485	2590	2630	4222	5338	6230	6504	6249
20	1236	1569	1666	2961	3111	4290	5338	6230	6504	6249
21	1291	1847	1871	3332	3592	4368	5338	6230	6504	6249
22	1469	1993	2071	3392	3794	4470	5338	6230	6504	6249
23	1647	2007	2295	3452	3996	4583	5420	6230	6504	6249
24	1825	2021	2519	3513	4199	4695	5461	6230	6504	6249
25	2003	2035	2743	3573	4401	4808	5502	6230	6504	6249
26	2181	2048	2967	3633	4603	4921	5543	6230	6504	6249
27	2359	2062	3191	3694	4806	5033	5584	6230	6504	6249
28	2537	2076	3415	3754	5008	5146	5625	6230	6504	6249
29	2715	2090	3640	3815	5211	5259	5666	6230	6504	6249
30	2712	2190	3594	3878	5226	5282	5840	6230	6504	6249
31	2710	2290	3543	3942	5241	5782	6014	6230	6504	6249
32	2708	2390	3503	4005	5256	6044	6188	6230	6504	6249
33	2703	2490	3458	4069	5271	6306	6362	6230	6504	6249
34	2701	2591	3413	4132	5286	6568	6537	6230	6504	6249
35	2701	2691	3367	4196	5301	6829	6711	6230	6504	6249
36	2698	2791	3322	4260	5316	7091	6885	6230	6504	6249
37	2696	2891	3276	4323	5331	7353	7059	6230	6504	6249
38	2694	2991	3231	4387	5346	7615	7233	6230	6504	6249
39	2692	3092	3186	4451	5361	7877	7408	6230	6504	6249
40	2657	3128	3248	4499	5414	7805	7608	6230	6504	6249
41	2623	3165	3311	4547	5467	7733	7808	6230	6504	6249
42	2622	3202	3313	4596	5521	7662	8008	6230	6504	6249
43	2622	3238	3313	4633	5574	7590	8208	6230	6504	6249
44	2619	3275	3459	4693	5628	7519	8408	6230	6504	6249
45	1895	3312	3641	4741	5621	7447	8608	6230	6504	6249
46	1895	3348	3624	4789	5734	7375	8808	6230	6504	6249
47	1895	3385	3646	4838	5728	7304	9008	6230	6504	6249
48	1895	3422	3749	4886	5841	7232	9208	6230	6504	6249









PROVINCE = MAN.

MARITAL STATUS = MARRIED

SEX = FEMALE

EDUCATION ----->

AGE	NO SCH	SOME ELE	COMP ELE	SOME HS	COMP HS	SOME UNI	CAAT GRD	BACH LFV	PAST LFV	PLD
14	1176	1946	2332	2932	3666	2939	4436	5177	5405	5193
15	1176	1946	2332	2932	3666	2939	4436	5177	5405	5193
16	1176	1946	2332	2932	3666	2939	4436	5177	5405	5193
17	1176	1946	2332	2932	3666	2939	4436	5177	5405	5193
18	1176	1946	2332	2932	3666	2939	4436	5177	5405	5193
19	1176	1946	2332	2932	3666	2939	4436	5177	5405	5193
20	1176	1946	2332	2932	3666	2939	4436	5177	5405	5193
21	1605	2950	3240	5876	6166	3842	4436	5177	5405	5193
22	2238	3354	4119	8621	8606	5037	4931	5755	5952	5193
23	2238	4197	4454	8635	8606	5037	4931	5755	5952	5926
24	2542	4441	4760	8449	8545	5328	5427	6323	6499	6657
25	2796	4684	5065	8264	8484	5619	5922	6911	7047	7339
26	3051	4928	5371	8078	8424	5010	6418	7490	7594	8121
27	3305	5172	5677	7892	8363	6201	6914	8068	8141	8833
28	3559	5415	5982	7707	8302	6492	7409	8536	8589	9585
29	3813	5659	6288	7521	8241	6783	7905	9224	9236	10317
30	4068	5903	6594	7336	8181	7075	8401	9803	9784	11050
31	4132	5927	6580	7394	8295	7499	9068	10582	10549	11834
32	4196	5952	6566	7452	8410	7923	9736	11361	11314	12618
33	4260	5976	6552	7512	8524	8347	10404	12141	12080	13402
34	4324	6001	6539	7571	8639	8771	11072	12920	12849	14111
35	4389	6025	6525	7630	8753	9195	11740	13700	13631	14810
36	4453	6050	6511	7689	8868	9710	12412	14479	14378	15515
37	4517	6074	6498	7748	8982	10043	13076	15258	15141	16222
38	4581	6099	6484	7807	9097	10467	13744	16038	15907	17322
39	4645	6123	6470	7866	9211	10891	14412	16817	16672	18106
40	4710	6148	6457	7925	9326	11316	15080	17597	17438	18891
41	4775	6173	6443	7984	9441	11740	15748	18376	18217	19677
42	4840	6198	6429	8043	9556	12164	16410	19164	19007	20463
43	4905	6223	6415	8102	9671	12588	17072	20052	19892	21249
44	4970	6248	6401	8161	9786	13012	17734	20940	20777	22035
45	5035	6273	6387	8220	9901	13436	18396	21828	21664	22821
46	5100	6298	6373	8279	10016	13860	19058	22716	22552	23607
47	5165	6323	6359	8338	10131	14284	19720	23604	23443	24393
48	5230	6348	6345	8397	10246	14708	20382	24492	24334	25179
49	5295	6373	6331	8456	10361	15132	21044	25380	25225	25965





62	*	3067	6557	7227	9323	11759	15114	17637	17428	21156
63	*	3064	6554	7226	9320	11756	15111	17634	17425	21153
64	*	3061	6551	7223	9317	11753	15108	17631	17422	21150
65	*	3058	6548	7220	9314	11750	15105	17628	17419	21147
66	*	3055	6545	7217	9311	11747	15102	17625	17416	21144
67	*	3052	6542	7214	9308	11744	15099	17622	17413	21141
68	*	3049	6539	7211	9305	11741	15096	17619	17410	21138
69	*	3046	6536	7208	9302	11738	15093	17616	17407	21135
70	*	3043	6533	7205	9299	11735	15090	17613	17404	21132
71	*	3040	6530	7202	9296	11732	15087	17610	17401	21129
72	*	3037	6527	7199	9293	11729	15084	17607	17398	21126
73	*	3034	6524	7196	9290	11726	15081	17604	17395	21123
74	*	3031	6521	7193	9287	11723	15078	17601	17392	21120
75	*	3028	6518	7190	9284	11720	15075	17598	17389	21117
76	*	3025	6515	7187	9281	11717	15072	17595	17386	21114
77	*	3022	6512	7184	9278	11714	15069	17592	17383	21111
78	*	3019	6509	7181	9275	11711	15066	17589	17380	21108
79	*	3016	6506	7178	9272	11708	15063	17586	17377	21105
80	*	3013	6503	7175	9269	11705	15060	17583	17374	21102
81	*	3010	6500	7172	9266	11702	15057	17580	17371	21099
82	*	3007	6497	7169	9263	11699	15054	17577	17368	21096
83	*	3004	6494	7166	9260	11696	15051	17574	17365	21093
84	*	3001	6491	7163	9257	11693	15048	17571	17362	21090
85	*	2998	6488	7160	9254	11690	15045	17568	17359	21087
86	*	2995	6485	7157	9251	11687	15042	17565	17356	21084
87	*	2992	6482	7154	9248	11684	15039	17562	17353	21081
88	*	2989	6479	7151	9245	11681	15036	17559	17350	21078
89	*	2986	6476	7148	9242	11678	15033	17556	17347	21075
90	*	2983	6473	7145	9239	11675	15030	17553	17344	21072
91	*	2980	6470	7142	9236	11672	15027	17550	17341	21069
92	*	2977	6467	7139	9233	11669	15024	17547	17338	21066
93	*	2974	6464	7136	9230	11666	15021	17544	17335	21063
94	*	2971	6461	7133	9227	11663	15018	17541	17332	21060
95	*	2968	6458	7130	9224	11660	15015	17538	17329	21057
96	*	2965	6455	7127	9221	11657	15012	17535	17326	21054
97	*	2962	6452	7124	9218	11654	15009	17532	17323	21051
98	*	2959	6449	7121	9215	11651	15006	17529	17320	21048
99	*	2956	6446	7118	9212	11648	15003	17526	17317	21045
70	*	2953	6443	7115	9209	11645	15000	17523	17314	21042



MEAN FULL EMPLOYMENT INCOME

PROVINCE = MAD.

CAPITAL STATUS = OWNER

SEX = FEMALE

EDUCATION <----->

AGE	AF	SCH	SOME	FILE	COMP	HS	SOME	HS	COMP	HS	SOME	UNI	CAAT	GRP	RACH	LFV	NAST	LFV	PLD
14	*	1182	1159	1485	1485	2590	2590	2630	2630	2630	4222	4222	5703	5703	6656	6656	6949	6949	6677
15	*	1182	1159	1485	1485	2590	2590	2630	2630	2630	4222	4222	5703	5703	6656	6656	6949	6949	6677
16	*	1182	1159	1485	1485	2590	2590	2630	2630	2630	4222	4222	5703	5703	6656	6656	6949	6949	6677
17	*	1182	1159	1485	1485	2590	2590	2630	2630	2630	4222	4222	5703	5703	6656	6656	6949	6949	6677
18	*	1182	1159	1485	1485	2590	2590	2630	2630	2630	4222	4222	5703	5703	6656	6656	6949	6949	6677
19	*	1182	1159	1485	1485	2590	2590	2630	2630	2630	4222	4222	5703	5703	6656	6656	6949	6949	6677
20	*	1182	1159	1485	1485	2590	2590	2630	2630	2630	4222	4222	5703	5703	6656	6656	6949	6949	6677
21	*	1236	1073	1985	1985	3208	3208	3524	3524	3524	4687	4687	5703	5703	6656	6656	6949	6949	6677
22	*	1269	2787	2485	2485	3826	3826	4418	4418	4418	5152	5152	5703	5703	6656	6656	6949	6949	6677
23	*	1469	2818	2605	2605	3870	3870	4493	4493	4493	5191	5191	5631	5631	6656	6656	6949	6949	6677
24	*	1647	2850	2726	2726	3814	3814	4569	4569	4569	5210	5210	5631	5631	6656	6656	6949	6949	6677
25	*	1825	2882	2846	2846	3959	3959	4644	4644	4644	5239	5239	5631	5631	6656	6656	6949	6949	6677
26	*	2003	2914	2967	2967	4002	4002	4720	4720	4720	5268	5268	5631	5631	6656	6656	6949	6949	6677
27	*	2181	2946	3027	3027	4047	4047	4796	4796	4796	5297	5297	5631	5631	6656	6656	6949	6949	6677
28	*	2350	2978	3208	3208	4092	4092	4871	4871	4871	5326	5326	5631	5631	6656	6656	6949	6949	6677
29	*	2537	3010	3328	3328	4136	4136	4947	4947	4947	5355	5355	5631	5631	6656	6656	6949	6949	6677
30	*	2715	3042	3448	3448	4181	4181	5023	5023	5023	5385	5385	5631	5631	6656	6656	6949	6949	6677
31	*	2712	3046	3448	3448	4181	4181	5023	5023	5023	5385	5385	5631	5631	6656	6656	6949	6949	6677
32	*	2710	3051	3447	3447	4080	4080	4920	4920	4920	5389	5389	5631	5631	6656	6656	6949	6949	6677
33	*	2708	3055	3446	3446	4080	4080	4920	4920	4920	5389	5389	5631	5631	6656	6656	6949	6949	6677
34	*	2705	3060	3445	3445	3980	3980	4817	4817	4817	5394	5394	5631	5631	6656	6656	6949	6949	6677
35	*	2702	3064	3445	3445	3980	3980	4817	4817	4817	5394	5394	5631	5631	6656	6656	6949	6949	6677
36	*	2701	3069	3444	3444	3879	3879	4714	4714	4714	5399	5399	5631	5631	6656	6656	6949	6949	6677
37	*	2698	3073	3443	3443	3879	3879	4714	4714	4714	5399	5399	5631	5631	6656	6656	6949	6949	6677
38	*	2694	3078	3442	3442	3770	3770	4604	4604	4604	5399	5399	5631	5631	6656	6656	6949	6949	6677
39	*	2694	3082	3441	3441	3729	3729	4560	4560	4560	5399	5399	5631	5631	6656	6656	6949	6949	6677
40	*	2692	3087	3441	3441	3679	3679	4509	4509	4509	5399	5399	5631	5631	6656	6656	6949	6949	6677
41	*	2657	3078	3443	3443	3695	3695	4509	4509	4509	5399	5399	5631	5631	6656	6656	6949	6949	6677
42	*	2623	3070	3446	3446	3712	3712	4509	4509	4509	5399	5399	5631	5631	6656	6656	6949	6949	6677
43	*	2623	3071	3446	3446	3712	3712	4509	4509	4509	5399	5399	5631	5631	6656	6656	6949	6949	6677
44	*	2154	3053	3452	3452	3746	3746	4510	4510	4510	5399	5399	5631	5631	6656	6656	6949	6949	6677
45	*	2019	3044	3455	3455	3763	3763	4510	4510	4510	5399	5399	5631	5631	6656	6656	6949	6949	6677
46	*	1886	3036	3457	3457	3779	3779	4510	4510	4510	5399	5399	5631	5631	6656	6656	6949	6949	6677
47	*	1750	3027	3460	3460	3796	3796	4511	4511	4511	5399	5399	5631	5631	6656	6656	6949	6949	6677
48	*	1616	3019	3463	3463	3813	3813	4511	4511	4511	5399	5399	5631	5631	6656	6656	6949	6949	6677
49	*	1481	3010	3466	3466	3830	3830	4511	4511	4511	5399	5399	5631	5631	6656	6656	6949	6949	6677



53	*	2	3479	5892	4581	6378	4008	5346	9283	1021
54	*	2820	3484	3914	4585	6465	8153	6615	9466	1022
55	*	2760	3489	3937	4610	6551	8209	6685	9675	1023
56	*	2700	3494	3960	4634	6638	8444	6854	9881	1024
57	*	2640	3499	3982	4658	6725	8589	10024	10086	1025
58	*	2579	3504	4005	4683	6810	8735	10193	10292	1026
59	*	2518	3509	4027	4708	6897	8880	10363	10498	1027
60	*	2458	3514	4050	4732	6983	9025	10532	10704	1028
61	*	2398	3519	4073	4757	7070	9171	10702	10910	1029
62	*	2471	3524	3955	4681	7032	9400	10869	10878	1030
63	*	2545	3529	3837	4606	6994	9629	11237	10846	1031
64	*	2618	3534	3719	4531	6956	9858	11504	10814	1032
65	*	2692	3539	3601	4455	6919	10088	11772	10782	1033
66	*	2765	3544	3484	4380	6881	10317	12029	10750	1034
67	*	2839	3549	3366	4305	6843	10546	12307	10718	1035
68	*	2913	3554	3248	4229	6806	10776	12574	10686	1036
69	*	2986	3559	3130	4154	6768	11005	12842	10654	1037
70	*	3060	3564	3012	4079	6730	11234	13109	10622	1038
		3134	2878	2895	4004	6693	11464	13377	10590	1039





1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49.

PROVINCE = PAN.

CAPITAL STATUS = OTHER

SEX = MALE

RECORDS ->

| AGE | NC SCH | SOME FLE | COMP FLE | SOME PS | COMP PS | SOME UNI | CAAT GRD | PACH LEV | MAST LEV | RFD   |
|-----|--------|----------|----------|---------|---------|----------|----------|----------|----------|-------|
| 14  | 1176   | 1046     | 2332     | 2932    | 3666    | 2939     | 4059     | 4736     | 4946     | 4751  |
| 15  | 1176   | 1046     | 2332     | 2932    | 3666    | 2939     | 4059     | 4736     | 4946     | 4751  |
| 16  | 1176   | 1046     | 2332     | 2932    | 3666    | 2939     | 4059     | 4736     | 4946     | 4751  |
| 17  | 1176   | 1046     | 2332     | 2932    | 3666    | 2939     | 4059     | 4736     | 4946     | 4751  |
| 18  | 1176   | 1046     | 2332     | 2932    | 3666    | 2939     | 4059     | 4736     | 4946     | 4751  |
| 19  | 1176   | 1046     | 2332     | 2932    | 3666    | 2939     | 4059     | 4736     | 4946     | 4751  |
| 20  | 1176   | 1046     | 2332     | 2932    | 3666    | 2939     | 4059     | 4736     | 4946     | 4751  |
| 21  | 1606   | 2514     | 2332     | 2932    | 3666    | 2939     | 4059     | 4736     | 4946     | 4751  |
| 22  | 2034   | 3082     | 2915     | 5245    | 5712    | 3537     | 4059     | 4736     | 4946     | 4751  |
| 23  | 2249   | 3360     | 3499     | 7559    | 7759    | 4135     | 4059     | 4736     | 4946     | 4751  |
| 24  | 2465   | 3638     | 3980     | 7433    | 7715    | 4677     | 4556     | 5316     | 5498     | 4751  |
| 25  | 2681   | 3917     | 4461     | 7308    | 7672    | 5210     | 5054     | 5897     | 6050     | 6206  |
| 26  | 2897   | 4195     | 4643     | 7182    | 7628    | 5761     | 5551     | 6477     | 6602     | 6834  |
| 27  | 3112   | 4473     | 5424     | 7057    | 7585    | 6303     | 6049     | 7058     | 7154     | 7662  |
| 28  | 3328   | 4752     | 5905     | 6932    | 7541    | 6845     | 6546     | 7439     | 7706     | 8380  |
| 29  | 3544   | 5030     | 6387     | 6806    | 7498    | 7387     | 7241     | 8210     | 8258     | 9118  |
| 30  | 3760   | 5309     | 6868     | 6681    | 7454    | 7929     | 7541     | 8800     | 8810     | 9846  |
| 31  | 3975   | 5587     | 7350     | 6556    | 7411    | 8471     | 8039     | 9381     | 9383     | 10573 |
| 32  | 4191   | 5865     | 7831     | 6431    | 7368    | 8472     | 8309     | 9856     | 9859     | 10862 |
| 33  | 4407   | 6143     | 8312     | 6306    | 7325    | 8474     | 8580     | 10012    | 9975     | 11151 |
| 34  | 4623   | 6421     | 8793     | 6181    | 7282    | 8475     | 8851     | 10328    | 10281    | 11440 |
| 35  | 4839   | 6699     | 9274     | 6056    | 7239    | 8477     | 9121     | 10644    | 10588    | 11729 |
| 36  | 5055   | 6977     | 9755     | 5931    | 7196    | 8478     | 9392     | 10960    | 10894    | 12017 |
| 37  | 5271   | 7255     | 10236    | 5806    | 7153    | 8480     | 9663     | 11276    | 11200    | 12306 |
| 38  | 5487   | 7533     | 10717    | 5681    | 7110    | 8481     | 9933     | 11592    | 11507    | 12594 |
| 39  | 5703   | 7811     | 11198    | 5556    | 7067    | 8483     | 10204    | 11908    | 11813    | 12883 |
| 40  | 5919   | 8089     | 11679    | 5431    | 7024    | 8484     | 10475    | 12224    | 12113    | 13172 |
| 41  | 6135   | 8367     | 12160    | 5306    | 6981    | 8486     | 10746    | 12540    | 12426    | 13461 |
| 42  | 6351   | 8645     | 12641    | 5181    | 6938    | 8486     | 11041    | 12856    | 12066    | 13750 |
| 43  | 6567   | 8923     | 13122    | 5056    | 6895    | 8485     | 11336    | 13172    | 11706    | 14039 |
| 44  | 6783   | 9201     | 13603    | 4931    | 6852    | 8485     | 11632    | 13488    | 11347    | 14328 |
| 45  | 7000   | 9480     | 14084    | 4806    | 6809    | 8484     | 11928    | 13804    | 10987    | 14617 |
| 46  | 7216   | 9758     | 14565    | 4681    | 6766    | 8483     | 12224    | 14120    | 10628    | 14906 |
| 47  | 7432   | 10036    | 15046    | 4556    | 6723    | 8483     | 12540    | 14436    | 10313    | 15195 |
| 48  | 7648   | 10314    | 15527    | 4431    | 6680    | 8482     | 12856    | 14752    | 10008    | 15484 |
| 49  | 7864   | 10592    | 16008    | 4306    | 6637    | 8481     | 13172    | 15068    | 9693     | 15773 |





|    |      |      |      |      |       |       |       |       |       |
|----|------|------|------|------|-------|-------|-------|-------|-------|
| 53 | 3776 | 4784 | 8002 | 7232 | 10538 | 8517  | 10418 | 10389 | 11223 |
| 54 | 3716 | 4653 | 8057 | 7343 | 10688 | 8527  | 10418 | 10389 | 11230 |
| 55 | 3653 | 4622 | 7587 | 7394 | 10841 | 8337  | 10855 | 10909 | 11240 |
| 56 | 3600 | 4580 | 7080 | 7405 | 10903 | 8246  | 11873 | 11722 | 11247 |
| 57 | 3527 | 4590 | 6572 | 7408 | 11116 | 8155  | 11881 | 11638 | 11372 |
| 58 | 3464 | 4259 | 6064 | 7546 | 11298 | 8065  | 12328 | 12468 | 13891 |
| 59 | 3401 | 4127 | 5557 | 7597 | 11451 | 7974  | 12806 | 12988 | 14408 |
| 60 | 3339 | 3996 | 5049 | 7648 | 11603 | 11383 | 13284 | 13508 | 14925 |
| 61 | 3205 | 3865 | 4542 | 7699 | 11756 | 11793 | 13762 | 14028 | 15412 |
| 62 | 3072 | 4092 | 4473 | 7768 | 11194 | 11840 | 13817 | 13758 | 15137 |
| 63 | 2939 | 4319 | 4405 | 7838 | 10633 | 11888 | 13873 | 13459 | 14832 |
| 64 | 2806 | 4546 | 4337 | 7907 | 10072 | 11936 | 13029 | 13220 | 14527 |
| 65 | 2674 | 4774 | 4269 | 7977 | 9510  | 11984 | 13084 | 12950 | 14222 |
| 66 | 2541 | 5001 | 4201 | 8046 | 8949  | 12032 | 14000 | 12681 | 13917 |
| 67 | 2408 | 5228 | 4133 | 8116 | 8488  | 12070 | 14000 | 12412 | 13612 |
| 68 | 2275 | 5455 | 4065 | 8185 | 8026  | 12127 | 14151 | 12142 | 13307 |
| 69 | 2142 | 5683 | 3997 | 8255 | 7265  | 12175 | 14207 | 11873 | 13002 |
| 70 | 2010 | 5910 | 3929 | 8324 | 6704  | 12223 | 14263 | 11604 | 12687 |
| 71 | 1877 | 6138 | 3861 | 8394 | 6143  | 12271 | 14319 | 11335 | 12393 |



100 FULL EMPLOYMENT INDEX

PROVINCE = MAN.

INITIAL STATUS = OTHER

SEX = FEMALE

EDUCATION ---->

| AGE | NC SCH | SCORE LIF | COND FLE | SOME PS | CCAP HS | SCORE UNI | CAAT GRD | PACH LEV | MAST LEV | DIP  |
|-----|--------|-----------|----------|---------|---------|-----------|----------|----------|----------|------|
| 14  | 1182   | 1159      | 1485     | 2590    | 2630    | 4222      | 5521     | 6444     | 6727     | 6443 |
| 15  | 1182   | 1159      | 1485     | 2590    | 2630    | 4222      | 5521     | 6444     | 6727     | 6443 |
| 16  | 1182   | 1159      | 1485     | 2590    | 2630    | 4222      | 5521     | 6444     | 6727     | 6443 |
| 17  | 1182   | 1159      | 1485     | 2590    | 2630    | 4222      | 5521     | 6444     | 6727     | 6443 |
| 18  | 1182   | 1159      | 1485     | 2590    | 2630    | 4222      | 5521     | 6444     | 6727     | 6443 |
| 19  | 1182   | 1159      | 1485     | 2590    | 2630    | 4222      | 5521     | 6444     | 6727     | 6443 |
| 20  | 1182   | 1159      | 1485     | 2590    | 2630    | 4222      | 5521     | 6444     | 6727     | 6443 |
| 21  | 1234   | 1654      | 1771     | 3492    | 3410    | 4459      | 5521     | 6444     | 6727     | 6443 |
| 22  | 1234   | 2149      | 2057     | 4394    | 4191    | 4459      | 5521     | 6444     | 6727     | 6443 |
| 23  | 1440   | 2460      | 2285     | 4410    | 4271    | 5247      | 5521     | 6444     | 6727     | 6443 |
| 24  | 1647   | 2787      | 2454     | 4426    | 4351    | 5837      | 5495     | 6444     | 6727     | 6443 |
| 25  | 1825   | 3106      | 2453     | 4443    | 4332    | 6408      | 5482     | 6444     | 6727     | 6443 |
| 26  | 2002   | 3425      | 2452     | 4450    | 4512    | 6478      | 5469     | 6444     | 6727     | 6443 |
| 27  | 2181   | 3744      | 2452     | 4450    | 4512    | 6478      | 5469     | 6444     | 6727     | 6443 |
| 28  | 2359   | 4063      | 3050     | 4475    | 4692    | 7548      | 5456     | 6444     | 6727     | 6443 |
| 29  | 2537   | 4382      | 3249     | 4492    | 4673    | 8119      | 5443     | 6444     | 6727     | 6443 |
| 30  | 2715   | 4702      | 3447     | 4508    | 4753    | 8689      | 5430     | 6444     | 6727     | 6443 |
| 31  | 2712   | 4838      | 3647     | 4525    | 4834    | 9260      | 5417     | 6444     | 6727     | 6443 |
| 32  | 2710   | 4838      | 3642     | 4508    | 4833    | 9187      | 5429     | 6444     | 6727     | 6443 |
| 33  | 2708   | 4838      | 3638     | 4491    | 4833    | 9115      | 5441     | 6444     | 6727     | 6443 |
| 34  | 2705   | 4838      | 3624     | 4474    | 4833    | 9043      | 6053     | 6444     | 6727     | 6443 |
| 35  | 2703   | 4838      | 3630     | 4458    | 4833    | 8971      | 6265     | 6444     | 6727     | 6443 |
| 36  | 2701   | 4838      | 3626     | 4441    | 4833    | 8899      | 6477     | 6444     | 6727     | 6443 |
| 37  | 2698   | 4838      | 3621     | 4424    | 4833    | 8827      | 6889     | 6444     | 6727     | 6443 |
| 38  | 2696   | 4838      | 3617     | 4408    | 4833    | 8755      | 6901     | 6444     | 6727     | 6443 |
| 39  | 2694   | 4838      | 3613     | 4391    | 4833    | 8683      | 7113     | 6444     | 6727     | 6443 |
| 40  | 2692   | 4838      | 3609     | 4374    | 4833    | 8611      | 7325     | 6444     | 6727     | 6443 |
| 41  | 2687   | 4838      | 3605     | 4358    | 4833    | 8539      | 7538     | 6444     | 6727     | 6443 |
| 42  | 2684   | 4838      | 3601     | 4341    | 4833    | 8467      | 7750     | 6444     | 6727     | 6443 |
| 43  | 2682   | 4838      | 3597     | 4324    | 4833    | 8395      | 7963     | 6444     | 6727     | 6443 |
| 44  | 2680   | 4838      | 3593     | 4307    | 4833    | 8323      | 8176     | 6444     | 6727     | 6443 |
| 45  | 2678   | 4838      | 3589     | 4290    | 4833    | 8251      | 8389     | 6444     | 6727     | 6443 |
| 46  | 2676   | 4838      | 3585     | 4273    | 4833    | 8179      | 8602     | 6444     | 6727     | 6443 |
| 47  | 2674   | 4838      | 3581     | 4256    | 4833    | 8107      | 8815     | 6444     | 6727     | 6443 |
| 48  | 2672   | 4838      | 3577     | 4239    | 4833    | 8035      | 9028     | 6444     | 6727     | 6443 |
| 49  | 2670   | 4838      | 3573     | 4222    | 4833    | 7963      | 9241     | 6444     | 6727     | 6443 |



|    |   |      |      |      |      |       |       |       |
|----|---|------|------|------|------|-------|-------|-------|
| 67 | * | 1454 | 3757 | 6256 | 1247 | 7113  | 1225  | 110   |
| 68 | * | 1470 | 3622 | 6247 | 7054 | 7012  | 6279  | 2010  |
| 69 | * | 1483 | 3427 | 5353 | 7133 | 5772  | 6731  | 7200  |
| 70 | * | 1490 | 3572 | 5419 | 7211 | 6502  | 6444  | 7000  |
| 71 | * | 1519 | 3517 | 5425 | 7200 | 6231  | 4237  | 7000  |
| 72 | * | 1537 | 3422 | 5551 | 7268 | 5801  | 5920  | 6735  |
| 73 | * | 1576 | 3407 | 5617 | 7447 | 5450  | 5743  | 6410  |
| 74 | * | 1605 | 3352 | 5683 | 7525 | 5420  | 5496  | 6090  |
| 75 | * | 1634 | 3297 | 5749 | 7604 | 5150  | 5250  | 5779  |
| 76 | * | 1703 | 3262 | 5641 | 7512 | 5072  | 5784  | 6358  |
| 77 | * | 1772 | 3228 | 5534 | 7421 | 6795  | 6318  | 6938  |
| 78 | * | 1841 | 3204 | 5427 | 7330 | 7618  | 6852  | 7518  |
| 79 | * | 1911 | 3169 | 5320 | 7239 | 8440  | 7386  | 8098  |
| 80 | * | 1980 | 3125 | 5213 | 7148 | 9263  | 7920  | 8678  |
| 81 | * | 2049 | 3090 | 5105 | 7057 | 10084 | 8434  | 9258  |
| 82 | * | 2119 | 3056 | 4998 | 6956 | 10008 | 8988  | 9838  |
| 83 | * | 2188 | 3021 | 4891 | 6848 | 11731 | 9522  | 10418 |
| 84 | * | 2257 | 2987 | 4784 | 6785 | 12554 | 10056 | 10998 |
| 85 | * | 2327 | 2953 | 4677 | 6693 | 13377 | 10590 | 11578 |





MEAN FULL EMPLOYMENT INCOME

-----  
INCOME = 618.4

-----  
TOTAL STATUS = SINGLE

-----  
SEX = male

----->

| AGE | NO SCH | SOME ELE | COMP ELE | SOME HS | COMP HS | SOME UNI | CAAT GRD | RACH LEV | PAST LEV | PHD   |
|-----|--------|----------|----------|---------|---------|----------|----------|----------|----------|-------|
| 14  | 1013   | 1677     | 2009     | 2580    | 3226    | 2686     | 3172     | 3702     | 3865     | 3713  |
| 15  | 1013   | 1677     | 2009     | 2580    | 3226    | 2686     | 3172     | 3702     | 3865     | 3713  |
| 16  | 1013   | 1677     | 2009     | 2580    | 3226    | 2686     | 3172     | 3702     | 3865     | 3713  |
| 17  | 1013   | 1677     | 2009     | 2580    | 3226    | 2686     | 3172     | 3702     | 3865     | 3713  |
| 18  | 1013   | 1677     | 2009     | 2580    | 3226    | 2686     | 3172     | 3702     | 3865     | 3713  |
| 19  | 1013   | 1677     | 2009     | 2580    | 3226    | 2686     | 3172     | 3702     | 3865     | 3713  |
| 20  | 1013   | 1677     | 2009     | 2580    | 3226    | 2686     | 3172     | 3702     | 3865     | 3713  |
| 21  | 1471   | 2060     | 2425     | 4428    | 5035    | 3067     | 3172     | 3702     | 3865     | 3713  |
| 22  | 1023   | 2111     | 2411     | 4277    | 4844    | 3112     | 3172     | 3702     | 3865     | 3713  |
| 23  | 2059   | 2485     | 3020     | 6185    | 6866    | 3813     | 3541     | 4133     | 4274     | 4256  |
| 24  | 2189   | 2528     | 3219     | 6094    | 6829    | 4179     | 3911     | 4564     | 4663     | 4800  |
| 25  | 2579   | 2570     | 3409     | 6003    | 6412    | 4544     | 4281     | 4656     | 5092     | 5344  |
| 26  | 2450   | 2613     | 3598     | 5912    | 6935    | 4910     | 4651     | 5427     | 5502     | 5838  |
| 27  | 2680   | 2655     | 3787     | 5821    | 6957    | 5276     | 5020     | 6428     | 5911     | 6431  |
| 28  | 2710   | 2698     | 3977     | 5730    | 6920    | 5541     | 5390     | 6250     | 6320     | 6976  |
| 29  | 2840   | 2740     | 4166     | 5639    | 7003    | 6007     | 5760     | 6721     | 6720     | 7519  |
| 30  | 2971   | 2783     | 4356     | 5548    | 7026    | 6373     | 6130     | 7123     | 7129     | 8063  |
| 31  | 3125   | 2873     | 4482     | 5439    | 7059    | 6469     | 6511     | 7497     | 7574     | 8502  |
| 32  | 3220   | 2964     | 4569     | 5531    | 7092    | 6565     | 6892     | 8042     | 8010     | 8041  |
| 33  | 3435   | 3054     | 4675     | 5522    | 7125    | 6662     | 7273     | 8487     | 8446     | 9380  |
| 34  | 3509   | 3145     | 4782     | 5514    | 7158    | 6758     | 7654     | 8822     | 8822     | 9819  |
| 35  | 3744   | 3236     | 4882     | 5506    | 7192    | 6855     | 8036     | 9377     | 9318     | 10258 |
| 36  | 3899   | 3326     | 4995     | 5497    | 7225    | 6951     | 8417     | 9821     | 9751     | 10857 |
| 37  | 4052   | 3417     | 5102     | 5489    | 7258    | 7047     | 8798     | 10266    | 10183    | 11186 |
| 38  | 4208   | 3507     | 5208     | 5480    | 7291    | 7144     | 9179     | 10625    | 10625    | 11575 |
| 39  | 4363   | 3598     | 5315     | 5472    | 7324    | 7240     | 9560     | 11061    | 11061    | 12014 |
| 40  | 4518   | 3689     | 5422     | 5464    | 7358    | 7337     | 9942     | 11497    | 11497    | 12454 |
| 41  | 4674   | 3785     | 5536     | 5456    | 7392    | 7630     | 10003    | 11932    | 11557    | 12816 |
| 42  | 4830   | 3872     | 5643     | 5628    | 7428    | 7924     | 10064    | 12367    | 11618    | 13179 |
| 43  | 4986   | 3964     | 5750     | 5620    | 7469    | 8218     | 10125    | 12802    | 11670    | 13542 |
| 44  | 5142   | 4055     | 5857     | 5792    | 7510    | 8512     | 10186    | 13237    | 11722    | 13905 |
| 45  | 5298   | 4146     | 5964     | 5874    | 7551    | 8806     | 10247    | 13672    | 11800    | 14268 |
| 46  | 5454   | 4237     | 6071     | 5956    | 7592    | 9100     | 10308    | 14107    | 11861    | 14631 |
| 47  | 5610   | 4328     | 6178     | 6038    | 7633    | 9394     | 10369    | 14542    | 11922    | 15004 |
| 48  | 5766   | 4419     | 6285     | 6120    | 7674    | 9688     | 10430    | 14977    | 11982    | 15367 |
| 49  | 5922   | 4510     | 6392     | 6202    | 7715    | 9982     | 10491    | 15412    | 12043    | 15730 |





|    |   |      |      |      |      |      |      |       |       |       |       |
|----|---|------|------|------|------|------|------|-------|-------|-------|-------|
| 52 | * | 3278 | 3499 | 4784 | 6045 | 5823 | 9268 | 9135  | 1060  | 10507 | 12173 |
| 53 | * | 3036 | 3621 | 4720 | 5025 | 5704 | 8764 | 8425  | 9933  | 9759  | 11218 |
| 54 | * | 2795 | 3632 | 4637 | 5806 | 5585 | 8260 | 7717  | 9006  | 8911  | 10264 |
| 55 | * | 2552 | 3634 | 4473 | 5687 | 5466 | 7756 | 7009  | 8170  | 8113  | 9310  |
| 56 | * | 2312 | 3635 | 4459 | 5557 | 5346 | 7252 | 6300  | 7352  | 7314  | 8355  |
| 57 | * | 2171 | 3637 | 4225 | 5448 | 5227 | 6748 | 5591  | 6525  | 6516  | 7401  |
| 58 | * | 1820 | 3636 | 4352 | 5328 | 5108 | 6244 | 4882  | 5698  | 5718  | 6446  |
| 59 | * | 1667 | 3631 | 4273 | 5219 | 4959 | 5730 | 4173  | 4871  | 4820  | 5622  |
| 60 | * | 1346 | 3673 | 4205 | 5090 | 4870 | 5236 | 3465  | 4044  | 4122  | 4538  |
| 61 | * | 1304 | 3473 | 4134 | 4906 | 5042 | 5342 | 4377  | 5108  | 4872  | 5355  |
| 62 | * | 1423 | 3274 | 4064 | 4722 | 5214 | 5449 | 5290  | 6173  | 5623  | 6173  |
| 63 | * | 1452 | 3675 | 3953 | 4532 | 5266 | 5556 | 6202  | 7038  | 6374  | 6611  |
| 64 | * | 1500 | 3676 | 3923 | 4324 | 5052 | 5662 | 7115  | 8303  | 7125  | 7829  |
| 65 | * | 1539 | 2677 | 3853 | 4170 | 5730 | 5769 | 8027  | 9388  | 7876  | 8627  |
| 66 | * | 1578 | 2478 | 3782 | 3956 | 5402 | 5676 | 8940  | 10032 | 8627  | 9434  |
| 67 | * | 1616 | 2279 | 3712 | 3812 | 4074 | 5922 | 9852  | 11007 | 9170  | 10212 |
| 68 | * | 1655 | 2080 | 3641 | 3618 | 4246 | 6069 | 10765 | 12552 | 10129 | 11020 |
| 69 | * | 1694 | 1881 | 3571 | 3434 | 6418 | 6196 | 11677 | 13627 | 10880 | 11998 |
| 70 | * | 1733 | 1682 | 3501 | 3250 | 6590 | 6303 | 12590 | 14652 | 11631 | 12716 |



# HOSPITAL STATISTICS

UNIVERSITY OF CHICAGO















|    |   |      |      |      |      |      |       |       |       |       |       |
|----|---|------|------|------|------|------|-------|-------|-------|-------|-------|
| 52 | * | 4740 | 5214 | 6236 | 7008 | 8089 | 11327 | 14583 | 17017 | 16848 | 10346 |
| 53 | * | 4726 | 5148 | 6063 | 7372 | 8072 | 11304 | 14568 | 16099 | 16822 | 10330 |
| 54 | * | 4717 | 5083 | 6000 | 7337 | 8058 | 11281 | 14553 | 16081 | 16806 | 10273 |
| 55 | * | 4707 | 5017 | 5917 | 7302 | 8047 | 11259 | 14538 | 16064 | 16781 | 10217 |
| 56 | * | 4692 | 4952 | 5814 | 7266 | 8037 | 11235 | 14522 | 16046 | 16756 | 10161 |
| 57 | * | 4686 | 4886 | 5721 | 7231 | 8026 | 11212 | 14507 | 16028 | 16735 | 10103 |
| 58 | * | 4671 | 4821 | 5639 | 7195 | 8016 | 11189 | 14492 | 16010 | 16713 | 10048 |
| 59 | * | 4655 | 4755 | 5556 | 7160 | 8005 | 11166 | 14477 | 16002 | 16692 | 10002 |
| 60 | * | 4643 | 4690 | 5473 | 7125 | 8005 | 11143 | 14462 | 16075 | 16672 | 10016 |
| 61 | * | 4631 | 4625 | 5398 | 6794 | 8036 | 11143 | 14452 | 16056 | 16644 | 10314 |
| 62 | * | 4620 | 4583 | 5324 | 6463 | 8028 | 10659 | 14274 | 16047 | 16622 | 17602 |
| 63 | * | 4607 | 4520 | 5230 | 6132 | 8020 | 10175 | 14087 | 16030 | 16620 | 17070 |
| 64 | * | 4595 | 4475 | 5145 | 5802 | 7912 | 9207  | 13900 | 16220 | 16520 | 16448 |
| 65 | * | 4573 | 4421 | 5071 | 5471 | 7604 | 5793  | 13713 | 16001 | 16473 | 15826 |
| 66 | * | 4561 | 4370 | 4987 | 5140 | 7395 | 8239  | 13526 | 15793 | 16416 | 15204 |
| 67 | * | 4549 | 4326 | 4912 | 4810 | 7187 | 7765  | 13339 | 15566 | 16359 | 14582 |
| 68 | * | 4533 | 4283 | 4858 | 4479 | 6979 | 7271  | 13151 | 15346 | 16322 | 13960 |
| 69 | * | 4525 | 4250 | 4804 | 4148 | 6771 | 6787  | 12964 | 15128 | 16245 | 13338 |
| 70 | * | 4517 | 4217 | 4750 | 3816 | 6563 | 6303  | 12777 | 14910 | 16182 | 12716 |
|    |   | 4513 | 4187 | 4700 |      |      |       | 12590 | 14662 | 16131 |       |



PROVINCE = SASK.

CANADIAN STATUS = VARIED

SEX = FEMALE

1990 F.I. COUNTRY REPORT

| AGE | NO SCH | SOME FLR | COMP CLP | SOME FS | COMP FS | SOME UNI | CAAT GRD | PACH LFV | WAST LFV | PRC  |
|-----|--------|----------|----------|---------|---------|----------|----------|----------|----------|------|
| 14  | 935    | 917      | 1175     | 2213    | 2247    | 4259     | 6035     | 7043     | 7354     | 7065 |
| 15  | 935    | 917      | 1175     | 2213    | 2247    | 4259     | 6035     | 7043     | 7354     | 7065 |
| 16  | 935    | 917      | 1175     | 2213    | 2247    | 4259     | 6035     | 7043     | 7354     | 7065 |
| 17  | 935    | 917      | 1175     | 2213    | 2247    | 4259     | 6035     | 7043     | 7354     | 7065 |
| 18  | 935    | 917      | 1175     | 2213    | 2247    | 4259     | 6035     | 7043     | 7354     | 7065 |
| 19  | 935    | 917      | 1175     | 2213    | 2247    | 4259     | 6035     | 7043     | 7354     | 7065 |
| 20  | 935    | 917      | 1175     | 2213    | 2247    | 4259     | 6035     | 7043     | 7354     | 7065 |
| 21  | 1098   | 1801     | 1801     | 2977    | 3283    | 4855     | 6035     | 7043     | 7354     | 7065 |
| 22  | 1262   | 2723     | 2428     | 3741    | 4319    | 5451     | 6035     | 7043     | 7354     | 7065 |
| 23  | 1641   | 2760     | 2553     | 3819    | 4435    | 5981     | 6035     | 7043     | 7354     | 7065 |
| 24  | 1621   | 2798     | 2678     | 3898    | 4551    | 5927     | 6035     | 7043     | 7354     | 7065 |
| 25  | 1621   | 2798     | 2678     | 3898    | 4551    | 5927     | 6035     | 7043     | 7354     | 7065 |
| 26  | 1621   | 2798     | 2678     | 3898    | 4551    | 5927     | 6035     | 7043     | 7354     | 7065 |
| 27  | 1621   | 2798     | 2678     | 3898    | 4551    | 5927     | 6035     | 7043     | 7354     | 7065 |
| 28  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 29  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 30  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 31  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 32  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 33  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 34  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 35  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 36  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 37  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 38  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 39  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 40  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 41  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 42  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 43  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 44  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 45  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 46  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 47  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 48  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |
| 49  | 2160   | 2911     | 3053     | 4133    | 4784    | 5721     | 6035     | 7043     | 7354     | 7065 |



|    |   |      |      |      |      |      |      |      |      |      |      |      |      |
|----|---|------|------|------|------|------|------|------|------|------|------|------|------|
| 62 | * | 1650 | 2875 | 3453 | 4172 | 4884 | 5588 | 6268 | 6640 | 6944 | 7274 | 7594 | 7914 |
| 63 | * | 1661 | 2883 | 3463 | 4175 | 4880 | 5573 | 6268 | 6622 | 6924 | 7274 | 7584 | 7904 |
| 64 | * | 1673 | 2741 | 3411 | 4173 | 4886 | 5761 | 6515 | 6868 | 7168 | 7518 | 7838 | 8158 |
| 65 | * | 1686 | 2666 | 3430 | 4171 | 4882 | 5840 | 6713 | 7049 | 7349 | 7699 | 8019 | 8339 |
| 66 | * | 1699 | 2666 | 3410 | 4180 | 4877 | 5847 | 6661 | 6991 | 7291 | 7641 | 7961 | 8281 |
| 67 | * | 1702 | 2614 | 3402 | 4187 | 4873 | 5855 | 6670 | 6991 | 7291 | 7641 | 7961 | 8281 |
| 68 | * | 2172 | 2642 | 3304 | 4185 | 4869 | 5859 | 6683 | 6997 | 7297 | 7647 | 7967 | 8287 |
| 69 | * | 2172 | 2642 | 3304 | 4185 | 4869 | 5859 | 6683 | 6997 | 7297 | 7647 | 7967 | 8287 |
| 70 | * | 2377 | 2703 | 3321 | 4182 | 4865 | 5865 | 6685 | 6999 | 7299 | 7649 | 7969 | 8289 |
| 71 | * | 2352 | 2655 | 3297 | 4005 | 4719 | 5675 | 6465 | 6820 | 7120 | 7470 | 7790 | 8110 |
| 72 | * | 2329 | 2413 | 3224 | 3856 | 4617 | 5461 | 6229 | 6584 | 6884 | 7234 | 7554 | 7874 |
| 73 | * | 2304 | 2420 | 3191 | 3703 | 4495 | 5367 | 6125 | 6480 | 6780 | 7130 | 7450 | 7770 |
| 74 | * | 2270 | 2420 | 3077 | 3551 | 4333 | 5220 | 5911 | 6266 | 6566 | 6916 | 7236 | 7556 |
| 75 | * | 2254 | 2422 | 3054 | 3528 | 4252 | 5140 | 5758 | 6113 | 6413 | 6763 | 7083 | 7403 |
| 76 | * | 2231 | 2643 | 2931 | 3295 | 4130 | 4868 | 5575 | 5930 | 6230 | 6580 | 6900 | 7220 |
| 77 | * | 2206 | 2701 | 2857 | 3293 | 4005 | 4852 | 5511 | 5866 | 6166 | 6516 | 6836 | 7156 |
| 78 | * | 2122 | 2758 | 2784 | 3210 | 3886 | 4578 | 5248 | 5603 | 5903 | 6253 | 6573 | 6893 |
| 79 | * | 2168 | 2816 | 2711 | 2787 | 3784 | 4564 | 5285 | 5640 | 5940 | 6290 | 6610 | 6930 |
| 70 | * | 2134 | 2874 | 2638 | 2635 | 3643 | 4515 | 5222 | 5577 | 5877 | 6227 | 6547 | 6867 |





$\text{Derivative} = \text{cyc}$

ARITAL STAILS = OTHER

11

[illegible]





|    |   |      |      |      |      |      |       |       |       |       |      |
|----|---|------|------|------|------|------|-------|-------|-------|-------|------|
| 52 | * | 3632 | 4648 | 8130 | 6608 | 6989 | 10152 | 8106  | 0626  | 0948  | 1021 |
| 53 | * | 3667 | 4618 | 7651 | 6625 | 7030 | 10263 | 8561  | 0670  | 0948  | 1122 |
| 54 | * | 3603 | 4648 | 7164 | 6642 | 7070 | 10368 | 8906  | 10363 | 10402 | 1173 |
| 55 | * | 3439 | 4258 | 6677 | 6659 | 7111 | 10474 | 9261  | 10807 | 10886 | 1221 |
| 56 | * | 3374 | 4128 | 6189 | 6676 | 7151 | 10579 | 8615  | 11221 | 11310 | 1266 |
| 57 | * | 3310 | 3998 | 5702 | 6693 | 7191 | 10684 | 9970  | 11625 | 11764 | 1311 |
| 58 | * | 3245 | 3868 | 5214 | 6710 | 7232 | 10789 | 10325 | 12049 | 12218 | 1355 |
| 59 | * | 3181 | 3738 | 4727 | 6727 | 7272 | 10894 | 10680 | 12463 | 12672 | 1400 |
| 60 | * | 3117 | 3609 | 4240 | 6744 | 7313 | 11000 | 11035 | 12877 | 13126 | 1448 |
| 61 | * | 2978 | 3777 | 4188 | 6802 | 7355 | 10930 | 11190 | 13038 | 13276 | 1487 |
| 62 | * | 2840 | 3945 | 4057 | 5873 | 7217 | 10060 | 11346 | 13240 | 13427 | 1410 |
| 63 | * | 2701 | 4113 | 3966 | 5438 | 7169 | 9590  | 11501 | 13421 | 13677 | 1392 |
| 64 | * | 2563 | 4282 | 3875 | 5002 | 7121 | 9121  | 11657 | 13603 | 13828 | 1375 |
| 65 | * | 2425 | 4450 | 3784 | 4567 | 7073 | 8651  | 11812 | 13784 | 13978 | 1351 |
| 66 | * | 2286 | 4618 | 3692 | 4132 | 7025 | 8181  | 11968 | 13966 | 14229 | 1340 |
| 67 | * | 2148 | 4787 | 3601 | 3696 | 6977 | 7712  | 12123 | 14147 | 14379 | 1323 |
| 68 | * | 2009 | 4955 | 3510 | 3261 | 6929 | 7242  | 12279 | 14329 | 14580 | 1306 |
| 69 | * | 1871 | 5123 | 3419 | 2826 | 6881 | 6772  | 12434 | 14510 | 14780 | 1288 |
| 70 | * | 1733 | 5292 | 3328 | 2391 | 6834 | 6303  | 12590 | 14692 | 14931 | 1271 |







|    |   |      |      |      |      |      |      |      |       |      |      |
|----|---|------|------|------|------|------|------|------|-------|------|------|
| 52 | * | 1357 | 2174 | 3726 | 4574 | 5600 | 7203 | 8472 | 7552  | 7450 | 8250 |
| 53 | * | 1418 | 2055 | 3655 | 4574 | 5634 | 7282 | 8232 | 7271  | 7204 | 8250 |
| 54 | * | 1439 | 2035 | 3584 | 4503 | 5668 | 7362 | 5991 | 6091  | 6948 | 7048 |
| 55 | * | 1460 | 2816 | 3513 | 4468 | 5703 | 7441 | 5751 | 6711  | 6692 | 7617 |
| 56 | * | 1481 | 2697 | 3442 | 4432 | 5737 | 7521 | 5511 | 6430  | 6435 | 7285 |
| 57 | * | 1502 | 2577 | 3371 | 4397 | 5771 | 7600 | 5270 | 6150  | 6180 | 6953 |
| 58 | * | 1523 | 2458 | 3300 | 4361 | 5805 | 7680 | 5030 | 5869  | 5924 | 6621 |
| 59 | * | 1544 | 2339 | 3229 | 4326 | 5839 | 7759 | 4790 | 5589  | 5668 | 6289 |
| 60 | * | 1566 | 2220 | 3158 | 4291 | 5874 | 7839 | 4550 | 5309  | 5412 | 5958 |
| 61 | * | 1587 | 2104 | 3113 | 4177 | 5712 | 7570 | 4977 | 5807  | 5625 | 6253 |
| 62 | * | 1622 | 2189 | 3068 | 4062 | 5550 | 7301 | 5404 | 6306  | 5959 | 6548 |
| 63 | * | 1675 | 2174 | 3023 | 3950 | 5388 | 7032 | 5831 | 6804  | 6233 | 6843 |
| 64 | * | 1736 | 2158 | 2978 | 3836 | 5226 | 6763 | 6258 | 7303  | 6507 | 7138 |
| 65 | * | 1850 | 2143 | 2933 | 3723 | 5065 | 6495 | 6686 | 7802  | 6781 | 7434 |
| 66 | * | 1906 | 2128 | 2888 | 3609 | 4903 | 6226 | 7113 | 8300  | 7054 | 7729 |
| 67 | * | 1963 | 2112 | 2843 | 3495 | 4741 | 5957 | 7540 | 8799  | 7328 | 8024 |
| 68 | * | 2020 | 2097 | 2798 | 3382 | 4579 | 5688 | 7967 | 9297  | 7602 | 8319 |
| 69 | * | 2077 | 2082 | 2753 | 3268 | 4417 | 5419 | 8394 | 9796  | 7876 | 8614 |
| 70 | * | 2134 | 2067 | 2708 | 3155 | 4256 | 5151 | 8822 | 10295 | 8150 | 8910 |



NEAR FULL EMPLOYMENT TABLE

PROVINCE = ALTA.

CAPITAL STATUS = SINGLE

SEX = MALE

EDUCATION ----->

| AGE | NP SCH | SOME ELE | COMP ELE | SOME HS | COMP HS | SOME UNI | CAAT GPD | RACH LFV | MAST LEV | FIN  |
|-----|--------|----------|----------|---------|---------|----------|----------|----------|----------|------|
| 14  | 1211   | 2006     | 2403     | 2728    | 3410    | 2574     | 3276     | 3824     | 3992     | 1316 |
| 15  | 1211   | 2006     | 2403     | 2728    | 3410    | 2574     | 3276     | 3824     | 3992     | 1316 |
| 16  | 1211   | 2006     | 2403     | 2728    | 3410    | 2574     | 3276     | 3824     | 3992     | 1316 |
| 17  | 1211   | 2006     | 2403     | 2728    | 3410    | 2574     | 3276     | 3824     | 3992     | 1316 |
| 18  | 1211   | 2006     | 2403     | 2728    | 3410    | 2574     | 3276     | 3824     | 3992     | 1316 |
| 19  | 1211   | 2006     | 2403     | 2728    | 3410    | 2574     | 3276     | 3824     | 3992     | 1316 |
| 20  | 1211   | 2006     | 2403     | 2728    | 3410    | 2574     | 3276     | 3824     | 3992     | 1316 |
| 21  | 1748   | 2448     | 2882     | 4687    | 6339    | 3067     | 3276     | 3824     | 3992     | 1316 |
| 22  | 2282   | 2891     | 3361     | 6666    | 7268    | 3561     | 3276     | 3824     | 3992     | 1316 |
| 23  | 2418   | 2924     | 3558     | 6573    | 7298    | 3993     | 3710     | 4330     | 3992     | 1316 |
| 24  | 2554   | 2957     | 3755     | 5381    | 7329    | 4424     | 4144     | 4837     | 4475     | 1416 |
| 25  | 2690   | 2990     | 3953     | 6389    | 7358    | 4857     | 4578     | 5343     | 4859     | 1416 |
| 26  | 2826   | 3023     | 4150     | 6297    | 7388    | 5289     | 5013     | 5850     | 5443     | 1416 |
| 27  | 2962   | 3056     | 4347     | 6204    | 7418    | 5721     | 5447     | 6357     | 5827     | 1416 |
| 28  | 3098   | 3089     | 4544     | 6112    | 7448    | 6153     | 5821     | 6873     | 6410     | 1416 |
| 29  | 3234   | 3122     | 4742     | 6020    | 7478    | 6585     | 5915     | 7370     | 6854     | 1416 |
| 30  | 3370   | 3155     | 4940     | 5928    | 7508    | 7017     | 6750     | 7877     | 7378     | 1416 |
| 31  | 3506   | 3285     | 5055     | 5824    | 7551    | 7462     | 7222     | 8428     | 7862     | 1416 |
| 32  | 3642   | 3354     | 5171     | 5921    | 7594    | 7307     | 7694     | 8976     | 8402     | 1416 |
| 33  | 3778   | 3453     | 5287     | 5918    | 7637    | 7452     | 8166     | 9530     | 8977     | 1416 |
| 34  | 3914   | 3552     | 5403     | 5915    | 7680    | 7507     | 8639     | 10081    | 9483     | 1416 |
| 35  | 4050   | 3652     | 5519     | 5912    | 7723    | 7742     | 9111     | 10632    | 10024    | 1416 |
| 36  | 4186   | 3751     | 5634     | 5908    | 7766    | 7887     | 9583     | 11183    | 10584    | 1416 |
| 37  | 4322   | 3850     | 5750     | 5905    | 7809    | 8032     | 10056    | 11734    | 11195    | 1416 |
| 38  | 4458   | 3949     | 5866     | 5902    | 7852    | 8177     | 10528    | 12285    | 11645    | 1416 |
| 39  | 4594   | 4048     | 5982     | 5899    | 7895    | 8322     | 11000    | 12836    | 12196    | 1416 |
| 40  | 4730   | 4148     | 6098     | 5896    | 7938    | 8467     | 11473    | 13388    | 12726    | 1416 |
| 41  | 4866   | 4247     | 6214     | 5893    | 7981    | 8740     | 11946    | 13939    | 13257    | 1416 |
| 42  | 4999   | 4346     | 6330     | 6043    | 8024    | 9014     | 12419    | 14490    | 13788    | 1416 |
| 43  | 5132   | 4445     | 6446     | 6117    | 8067    | 9287     | 12892    | 15041    | 14319    | 1416 |
| 44  | 5265   | 4544     | 6562     | 6191    | 8110    | 9561     | 13365    | 15592    | 14870    | 1416 |
| 45  | 5398   | 4643     | 6678     | 6265    | 8153    | 9834     | 13838    | 16143    | 15421    | 1416 |
| 46  | 5531   | 4742     | 6794     | 6339    | 8196    | 10108    | 14311    | 16694    | 15972    | 1416 |
| 47  | 5664   | 4841     | 6910     | 6412    | 8239    | 10381    | 14784    | 17245    | 16523    | 1416 |
| 48  | 5797   | 4940     | 7026     | 6486    | 8282    | 10655    | 15257    | 17796    | 17074    | 1416 |
| 49  | 5930   | 5039     | 7142     | 6560    | 8325    | 10928    | 15729    | 18347    | 17625    | 1416 |





|    |   |      |      |      |      |      |      |       |       |       |       |
|----|---|------|------|------|------|------|------|-------|-------|-------|-------|
| 53 | * | 3225 | 3773 | 5071 | 6122 | 5931 | 9498 | 9150  | 10676 | 10540 | 12181 |
| 54 | * | 3014 | 3775 | 4966 | 6031 | 5802 | 8930 | 8345  | 9760  | 9656  | 11125 |
| 55 | * | 2743 | 3778 | 4862 | 5881 | 5653 | 8362 | 7580  | 8844  | 8771  | 10068 |
| 56 | * | 2472 | 3781 | 4758 | 5730 | 5503 | 7794 | 6795  | 7628  | 7886  | 9012  |
| 57 | * | 2201 | 3783 | 4653 | 5575 | 5354 | 7226 | 6010  | 7012  | 7002  | 7955  |
| 58 | * | 1930 | 3786 | 4549 | 5429 | 5204 | 6658 | 5225  | 6096  | 6117  | 6895  |
| 59 | * | 1659 | 3789 | 4445 | 5278 | 5055 | 6090 | 4440  | 5180  | 5232  | 5842  |
| 60 | * | 1389 | 3792 | 4341 | 5128 | 4906 | 5522 | 3655  | 4264  | 4348  | 4786  |
| 61 | * | 1141 | 3797 | 4233 | 5008 | 4780 | 5212 | 4508  | 5260  | 5039  | 5539  |
| 62 | * | 1533 | 3843 | 4325 | 4888 | 5518 | 5580 | 5362  | 6257  | 5731  | 6202  |
| 63 | * | 1605 | 3268 | 4317 | 4768 | 5824 | 5696 | 6216  | 7253  | 6422  | 7045  |
| 64 | * | 1477 | 3269 | 4209 | 4614 | 6150 | 5764 | 7070  | 8230  | 7114  | 7768  |
| 65 | * | 1749 | 2919 | 4301 | 4528 | 6436 | 5813 | 7824  | 9246  | 7866  | 8551  |
| 66 | * | 1821 | 2745 | 4293 | 4408 | 6742 | 5871 | 8778  | 10243 | 8497  | 9304  |
| 67 | * | 1893 | 2570 | 4285 | 4288 | 7048 | 5929 | 9632  | 11239 | 9189  | 10057 |
| 68 | * | 1644 | 2388 | 4277 | 4168 | 7354 | 5977 | 10446 | 12220 | 9650  | 10815 |
| 69 | * | 2037 | 2221 | 4269 | 4048 | 7660 | 6045 | 11340 | 13232 | 10572 | 11563 |
| 70 | * | 2110 | 2047 | 4251 | 3928 | 7966 | 6104 | 12194 | 14229 | 11264 | 12316 |



[illegible]

CAPITAL STALS = SINGLE

FINAL

THE UNIVERSITY OF CHICAGO



|    |      |      |      |      |      |      |       |       |       |
|----|------|------|------|------|------|------|-------|-------|-------|
| 58 | 2821 | 3748 | 5016 | 6040 | 7764 | 9745 | 11418 | 12835 | 13073 |
| 59 | 2822 | 3749 | 5017 | 6041 | 7765 | 9746 | 11419 | 12836 | 13074 |
| 60 | 2823 | 3750 | 5018 | 6042 | 7766 | 9747 | 11420 | 12837 | 13075 |
| 61 | 2824 | 3751 | 5019 | 6043 | 7767 | 9748 | 11421 | 12838 | 13076 |
| 62 | 2825 | 3752 | 5020 | 6044 | 7768 | 9749 | 11422 | 12839 | 13077 |
| 63 | 2826 | 3753 | 5021 | 6045 | 7769 | 9750 | 11423 | 12840 | 13078 |
| 64 | 2827 | 3754 | 5022 | 6046 | 7770 | 9751 | 11424 | 12841 | 13079 |
| 65 | 2828 | 3755 | 5023 | 6047 | 7771 | 9752 | 11425 | 12842 | 13080 |
| 66 | 2829 | 3756 | 5024 | 6048 | 7772 | 9753 | 11426 | 12843 | 13081 |
| 67 | 2830 | 3757 | 5025 | 6049 | 7773 | 9754 | 11427 | 12844 | 13082 |
| 68 | 2831 | 3758 | 5026 | 6050 | 7774 | 9755 | 11428 | 12845 | 13083 |
| 69 | 2832 | 3759 | 5027 | 6051 | 7775 | 9756 | 11429 | 12846 | 13084 |
| 70 | 2833 | 3760 | 5028 | 6052 | 7776 | 9757 | 11430 | 12847 | 13085 |













LEAD FULL EMPLOYMENT 100000

PROVINCE = ALTA.

ALTA STATUS = MARRIED

SEX = FEMALE

EDUCATION ---->

| AGE | NC SCH | SOME ALE | COMP ELE | SOME HS | COMP HS | SOME UNI | CAAT GRD | BACH LEV | MAST LEV | D-ID |
|-----|--------|----------|----------|---------|---------|----------|----------|----------|----------|------|
| 14  | 1117   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 15  | 1117   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 16  | 1117   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 17  | 1117   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 18  | 1117   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 19  | 1117   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 20  | 1117   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 21  | 1216   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 22  | 1315   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 23  | 1414   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 24  | 1513   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 25  | 1612   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 26  | 1711   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 27  | 1810   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 28  | 1909   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 29  | 2008   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 30  | 2107   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 31  | 2206   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 32  | 2305   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 33  | 2404   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 34  | 2503   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 35  | 2602   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 36  | 2701   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 37  | 2800   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 38  | 2900   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 39  | 3000   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 40  | 3100   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 41  | 3200   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 42  | 3300   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 43  | 3400   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 44  | 3500   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 45  | 3600   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 46  | 3700   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 47  | 3800   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 48  | 3900   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |
| 49  | 4000   | 1095     | 1403     | 2284    | 2319    | 3636     | 6204     | 7241     | 7560     | 7263 |



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STATISTICS = 71.11

[illegible]





|    |   |      |      |      |      |      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----|---|------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 51 | * | 4010 | 5124 | 9373 | 6926 | 7304 | 10844 | 8182 | 9829  | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 13034 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |
| 52 | * | 3622 | 5022 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 53 | * | 3834 | 5026 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 54 | * | 3746 | 4698 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 55 | * | 3658 | 4698 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 56 | * | 3570 | 4374 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 57 | * | 3482 | 3212 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 58 | * | 3394 | 3050 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 59 | * | 3306 | 3050 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 60 | * | 3218 | 3726 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 61 | * | 3107 | 3097 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 62 | * | 2996 | 4269 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 63 | * | 2885 | 4540 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 64 | * | 2774 | 4812 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 65 | * | 2663 | 5084 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 66 | * | 2553 | 5355 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 67 | * | 2442 | 5626 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 68 | * | 2331 | 5899 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 69 | * | 2220 | 6179 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |
| 70 | * | 2110 | 6441 | 8918 | 6910 | 7304 | 10819 | 8857 | 10336 | 10741 | 11145 | 11652 | 12049 | 12498 | 12946 | 13319 | 13777 | 14069 | 14654 | 15239 | 15777 | 16316 |       |



PROVINCE = ALTA.

CANADIAN STATUS = OTHER

SEX = FEMALE

INFORMATION

| AGE | NO SCH | SOME FILE | COMP FILE | SOME HS | COMP HS | SOME UNI | CAAT GRD | RACH LEV | NAST LEV | PMD  |
|-----|--------|-----------|-----------|---------|---------|----------|----------|----------|----------|------|
| 14  | *      | 1095      | 1403      | 2284    | 2319    | 3636     | 6006     | 7010     | 7318     | 7031 |
| 15  | *      | 1095      | 1403      | 2284    | 2319    | 3636     | 6006     | 7010     | 7318     | 7031 |
| 16  | *      | 1095      | 1403      | 2284    | 2319    | 3636     | 6006     | 7010     | 7318     | 7031 |
| 17  | *      | 1095      | 1403      | 2284    | 2319    | 3636     | 6006     | 7010     | 7318     | 7031 |
| 18  | *      | 1095      | 1403      | 2284    | 2319    | 3636     | 6006     | 7010     | 7318     | 7031 |
| 19  | *      | 1095      | 1403      | 2284    | 2319    | 3636     | 6006     | 7010     | 7318     | 7031 |
| 20  | *      | 1095      | 1403      | 2284    | 2319    | 3636     | 6006     | 7010     | 7318     | 7031 |
| 21  | *      | 1641      | 1748      | 3311    | 3228    | 4372     | 6006     | 7010     | 7318     | 7031 |
| 22  | *      | 2189      | 2094      | 4339    | 4138    | 5109     | 6006     | 7010     | 7318     | 7031 |
| 23  | *      | 2512      | 2295      | 4373    | 4237    | 5732     | 6006     | 7010     | 7318     | 7031 |
| 24  | *      | 2836      | 2497      | 4408    | 4337    | 6081     | 6006     | 7010     | 7318     | 7031 |
| 25  | *      | 3160      | 2659      | 4442    | 4336    | 6079     | 6006     | 7010     | 7318     | 7031 |
| 26  | *      | 3484      | 2901      | 4478    | 4536    | 7603     | 6006     | 7010     | 7318     | 7031 |
| 27  | *      | 3808      | 3102      | 4513    | 4635    | 8227     | 6006     | 7010     | 7318     | 7031 |
| 28  | *      | 4132      | 3384      | 4548    | 4735    | 8850     | 6006     | 7010     | 7318     | 7031 |
| 29  | *      | 4456      | 3506      | 4583    | 4834    | 9474     | 6006     | 7010     | 7318     | 7031 |
| 30  | *      | 4781      | 3702      | 4618    | 4934    | 10098    | 6006     | 7010     | 7318     | 7031 |
| 31  | *      | 4614      | 3702      | 4614    | 4934    | 10098    | 6006     | 7010     | 7318     | 7031 |
| 32  | *      | 4447      | 3651      | 4610    | 4862    | 9886     | 6006     | 7010     | 7318     | 7031 |
| 33  | *      | 4220      | 3651      | 4606    | 4862    | 9886     | 6006     | 7010     | 7318     | 7031 |
| 34  | *      | 4113      | 3681      | 4602    | 4891    | 9829     | 6006     | 7010     | 7318     | 7031 |
| 35  | *      | 3947      | 3681      | 4599    | 4891    | 9829     | 6006     | 7010     | 7318     | 7031 |
| 36  | *      | 3776      | 3675      | 4555    | 4820    | 9685     | 6006     | 7010     | 7318     | 7031 |
| 37  | *      | 3613      | 3670      | 4551    | 4820    | 9685     | 6006     | 7010     | 7318     | 7031 |
| 38  | *      | 3446      | 3659      | 4587    | 5034    | 9628     | 6006     | 7010     | 7318     | 7031 |
| 39  | *      | 3279      | 3659      | 4583    | 5049    | 9561     | 6006     | 7010     | 7318     | 7031 |
| 40  | *      | 3113      | 3654      | 4580    | 5063    | 9484     | 6006     | 7010     | 7318     | 7031 |
| 41  | *      | 2949      | 3683      | 4554    | 5078    | 9427     | 6006     | 7010     | 7318     | 7031 |
| 42  | *      | 2786      | 3712      | 4528    | 5085    | 9201     | 6006     | 7010     | 7318     | 7031 |
| 43  | *      | 2624      | 3741      | 4503    | 5099    | 8975     | 6006     | 7010     | 7318     | 7031 |
| 44  | *      | 2460      | 3770      | 4477    | 5106    | 8739     | 6006     | 7010     | 7318     | 7031 |
| 45  | *      | 2297      | 3800      | 4452    | 5113    | 8523     | 6006     | 7010     | 7318     | 7031 |
| 46  | *      | 2133      | 3829      | 4426    | 5120    | 8297     | 6006     | 7010     | 7318     | 7031 |
| 47  | *      | 1969      | 3858      | 4400    | 5127    | 8071     | 6006     | 7010     | 7318     | 7031 |
| 48  | *      | 1807      | 3887      | 4375    | 5134    | 7845     | 6006     | 7010     | 7318     | 7031 |
| 49  | *      | 1644      | 3916      | 4349    | 5141    | 7619     | 6006     | 7010     | 7318     | 7031 |









PROVINCE = H.C.

CAPITAL STATUS = SINGLE

AGE = 14

PROVINCE = H.C.

| AGE | NO. SCH. | SOME. ELF. | COMP. ELF. | SOME. HS. | COMP. HS. | SOME. UNI. | CAAT. GRD. | RACH. LEV. | FAST. LEV. | PLC. |
|-----|----------|------------|------------|-----------|-----------|------------|------------|------------|------------|------|
| 14  | 1571     | 2601       | 3116       | 3004      | 3755      | 2871       | 3024       | 3529       | 3684       | 3540 |
| 15  | 1571     | 2601       | 3116       | 3004      | 3755      | 2871       | 3024       | 3529       | 3684       | 3540 |
| 16  | 1571     | 2601       | 3116       | 3004      | 3755      | 2871       | 3024       | 3529       | 3684       | 3540 |
| 17  | 1571     | 2601       | 3116       | 3004      | 3755      | 2871       | 3024       | 3529       | 3684       | 3540 |
| 18  | 1571     | 2601       | 3116       | 3004      | 3755      | 2871       | 3024       | 3529       | 3684       | 3540 |
| 19  | 1571     | 2601       | 3116       | 3004      | 3755      | 2871       | 3024       | 3529       | 3684       | 3540 |
| 20  | 1571     | 2601       | 3116       | 3004      | 3755      | 2871       | 3024       | 3529       | 3684       | 3540 |
| 21  | 2607     | 3101       | 3662       | 5195      | 5904      | 3079       | 3024       | 3529       | 3684       | 3540 |
| 22  | 2607     | 3602       | 4188       | 7386      | 8054      | 3287       | 3024       | 3529       | 3684       | 3540 |
| 23  | 2607     | 3602       | 4188       | 7386      | 8054      | 3287       | 3024       | 3529       | 3684       | 3540 |
| 24  | 3123     | 3629       | 4399       | 7386      | 8054      | 3680       | 3419       | 3950       | 4124       | 4115 |
| 25  | 3123     | 3643       | 4563       | 7090      | 8004      | 4074       | 3815       | 4452       | 4565       | 4690 |
| 26  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 27  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 28  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 29  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 30  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 31  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 32  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 33  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 34  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 35  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 36  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 37  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 38  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 39  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 40  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 41  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 42  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 43  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 44  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 45  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 46  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 47  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 48  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |
| 49  | 3403     | 3657       | 4766       | 6942      | 7979      | 4467       | 4211       | 4914       | 5006       | 5266 |





|    |      |      |      |      |      |      |       |       |       |       |       |       |
|----|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 57 | 3127 | 4790 | 6025 | 6070 | 5830 | 4133 | 7283  | 6608  | 7711  | 6820  | 7717  | 11062 |
| 58 | 2445 | 4602 | 5768 | 5773 | 5534 | 6507 | 5068  | 5553  | 6836  | 6820  | 7717  | 11062 |
| 59 | 2104 | 4808 | 5639 | 5624 | 5356 | 5965 | 4343  | 4343  | 6066  | 6066  | 6714  | 11062 |
| 60 | 1763 | 4814 | 5511 | 5476 | 5239 | 5423 | 3589  | 3589  | 4108  | 4269  | 4669  | 11062 |
| 61 | 1846 | 4584 | 5484 | 5368 | 5588 | 5428 | 4324  | 4324  | 5046  | 4852  | 5334  | 11062 |
| 62 | 1029 | 4355 | 5458 | 5241 | 5937 | 5434 | 5059  | 5059  | 5604  | 5436  | 6060  | 11062 |
| 63 | 2013 | 4126 | 5421 | 5124 | 6286 | 5439 | 5794  | 5794  | 6712  | 6020  | 6600  | 11062 |
| 64 | 2096 | 3896 | 5405 | 5007 | 6635 | 5445 | 6530  | 6530  | 7420  | 5604  | 6600  | 11062 |
| 65 | 2177 | 3677 | 5378 | 4800 | 7001 | 5456 | 7265  | 7265  | 8478  | 7183  | 7210  | 11062 |
| 66 | 2263 | 3437 | 5352 | 4773 | 7333 | 5456 | 8060  | 8060  | 9310  | 7772  | 8410  | 11062 |
| 67 | 2346 | 3208 | 5326 | 4656 | 7682 | 5461 | 8736  | 8736  | 10164 | 8465  | 9146  | 11062 |
| 68 | 2430 | 2978 | 5299 | 4539 | 8031 | 5467 | 9471  | 9471  | 11012 | 8990  | 9701  | 11062 |
| 69 | 2513 | 2749 | 5272 | 4422 | 8380 | 5472 | 10206 | 10206 | 11810 | 9524  | 10414 | 11062 |
| 70 | 2597 | 2520 | 5246 | 4305 | 8711 | 5478 | 10942 | 10942 | 12710 | 10108 | 11062 | 11062 |













HOSPITAL STAYS = 11 ADULTS

APPLICATIONS





|    |      |      |      |      |      |       |       |       |       |
|----|------|------|------|------|------|-------|-------|-------|-------|
| 63 | 6047 | 6000 | 8222 | 8101 | 9880 | 11409 | 17822 | 17712 | 20383 |
| 64 | 6010 | 6070 | 8014 | 8036 | 9810 | 11863 | 17840 | 17725 | 20287 |
| 65 | 6030 | 6780 | 7977 | 7977 | 9737 | 11817 | 17768 | 17738 | 20190 |
| 66 | 6031 | 6800 | 7814 | 7814 | 9664 | 11771 | 17730 | 17751 | 20094 |
| 67 | 6002 | 6800 | 7750 | 7814 | 9591 | 11724 | 17684 | 17763 | 19997 |
| 68 | 6003 | 7117 | 7750 | 7852 | 9518 | 11678 | 17632 | 17776 | 19900 |
| 69 | 6025 | 7200 | 7750 | 7790 | 9445 | 11632 | 17480 | 17789 | 19804 |
| 70 | 6117 | 7117 | 7750 | 7728 | 9372 | 11586 | 17528 | 17802 | 19707 |
| 71 | 6040 | 7117 | 7750 | 7666 | 9300 | 11540 | 17477 | 17815 | 19611 |
| 72 | 6040 | 7117 | 7750 | 7405 | 9230 | 10633 | 17606 | 17844 | 19448 |
| 73 | 6140 | 7117 | 7750 | 7134 | 9179 | 10427 | 17635 | 18273 | 19345 |
| 74 | 6130 | 7117 | 7750 | 6893 | 9118 | 9721  | 16064 | 15502 | 17043 |
| 75 | 6200 | 7200 | 7750 | 6622 | 9058 | 9115  | 16064 | 14732 | 16127 |
| 76 | 6001 | 7200 | 7750 | 6372 | 8987 | 8500  | 16123 | 13951 | 15331 |
| 77 | 6117 | 7200 | 7750 | 6117 | 8917 | 7902  | 14462 | 13180 | 14479 |
| 78 | 6200 | 7200 | 7750 | 6240 | 8816 | 7206  | 16101 | 12420 | 13619 |
| 79 | 6117 | 7200 | 7750 | 5579 | 8816 | 6690  | 13710 | 11649 | 12763 |
| 70 | 6012 | 7200 | 7750 | 5318 | 8755 | 6084  | 13235 | 10878 | 11907 |
|    |      |      |      | 5058 | 8695 | 5478  | 12769 | 10108 | 11052 |



PROVINCE = F.C.

PARTIAL STATLS = MARRIED

— 10 —

MISSISSIPPI



|     |      |      |      |      |       |       |      |
|-----|------|------|------|------|-------|-------|------|
| 63  | 1027 | 4033 | 4729 | 6512 | 8174  | 9676  | 1093 |
| 64  | 1001 | 4036 | 4729 | 6512 | 8291  | 9676  | 1093 |
| 65  | 2013 | 4030 | 4719 | 6540 | 8408  | 9799  | 1093 |
| 66  | 2013 | 4024 | 4719 | 6713 | 8525  | 9972  | 1122 |
| 67  | 2013 | 4017 | 4719 | 6713 | 8641  | 10144 | 1122 |
| 68  | 2013 | 4011 | 4719 | 6713 | 8758  | 10317 | 1122 |
| 69  | 2013 | 4014 | 4671 | 6713 | 8875  | 10490 | 1152 |
| 70  | 2013 | 4014 | 4671 | 6713 | 8992  | 10663 | 1152 |
| 71  | 2013 | 4012 | 4662 | 7022 | 9109  | 10836 | 1170 |
| 72  | 2013 | 4012 | 4662 | 7022 | 9226  | 10936 | 1170 |
| 73  | 2013 | 4012 | 4662 | 7022 | 9343  | 10936 | 1170 |
| 74  | 2013 | 4012 | 4662 | 7022 | 9460  | 10936 | 1170 |
| 75  | 2013 | 4012 | 4662 | 7022 | 9577  | 10936 | 1170 |
| 76  | 2013 | 4012 | 4662 | 7022 | 9694  | 10936 | 1170 |
| 77  | 2013 | 4012 | 4662 | 7022 | 9811  | 10936 | 1170 |
| 78  | 2013 | 4012 | 4662 | 7022 | 9928  | 10936 | 1170 |
| 79  | 2013 | 4012 | 4662 | 7022 | 10045 | 10936 | 1170 |
| 80  | 2013 | 4012 | 4662 | 7022 | 10162 | 10936 | 1170 |
| 81  | 2013 | 4012 | 4662 | 7022 | 10279 | 10936 | 1170 |
| 82  | 2013 | 4012 | 4662 | 7022 | 10396 | 10936 | 1170 |
| 83  | 2013 | 4012 | 4662 | 7022 | 10513 | 10936 | 1170 |
| 84  | 2013 | 4012 | 4662 | 7022 | 10630 | 10936 | 1170 |
| 85  | 2013 | 4012 | 4662 | 7022 | 10747 | 10936 | 1170 |
| 86  | 2013 | 4012 | 4662 | 7022 | 10864 | 10936 | 1170 |
| 87  | 2013 | 4012 | 4662 | 7022 | 10981 | 10936 | 1170 |
| 88  | 2013 | 4012 | 4662 | 7022 | 11098 | 10936 | 1170 |
| 89  | 2013 | 4012 | 4662 | 7022 | 11215 | 10936 | 1170 |
| 90  | 2013 | 4012 | 4662 | 7022 | 11332 | 10936 | 1170 |
| 91  | 2013 | 4012 | 4662 | 7022 | 11449 | 10936 | 1170 |
| 92  | 2013 | 4012 | 4662 | 7022 | 11566 | 10936 | 1170 |
| 93  | 2013 | 4012 | 4662 | 7022 | 11683 | 10936 | 1170 |
| 94  | 2013 | 4012 | 4662 | 7022 | 11799 | 10936 | 1170 |
| 95  | 2013 | 4012 | 4662 | 7022 | 11916 | 10936 | 1170 |
| 96  | 2013 | 4012 | 4662 | 7022 | 12033 | 10936 | 1170 |
| 97  | 2013 | 4012 | 4662 | 7022 | 12150 | 10936 | 1170 |
| 98  | 2013 | 4012 | 4662 | 7022 | 12267 | 10936 | 1170 |
| 99  | 2013 | 4012 | 4662 | 7022 | 12384 | 10936 | 1170 |
| 100 | 2013 | 4012 | 4662 | 7022 | 12501 | 10936 | 1170 |





PROVINCE = B.C.

NATIONAL STATES = OTHER

SEX = M

EDUCATION ----->

| AGE | NO SCH | SOME ELF | COMP ELF | SOME HS | COMP HS | SOME UNI | CAAT GRD | RACH LFV | PAST LEV | PAC   |
|-----|--------|----------|----------|---------|---------|----------|----------|----------|----------|-------|
| 14  | 1571   | 2601     | 3116     | 3004    | 3755    | 2871     | 3683     | 4298     | 4488     | 4312  |
| 15  | 1571   | 2601     | 3116     | 3004    | 3755    | 2871     | 3683     | 4298     | 4488     | 4312  |
| 16  | 1571   | 2601     | 3116     | 3004    | 3755    | 2871     | 3683     | 4298     | 4488     | 4312  |
| 17  | 1571   | 2601     | 3116     | 3004    | 3755    | 2871     | 3683     | 4298     | 4488     | 4312  |
| 18  | 1571   | 2601     | 3116     | 3004    | 3755    | 2871     | 3683     | 4298     | 4488     | 4312  |
| 19  | 1571   | 2601     | 3116     | 3004    | 3755    | 2871     | 3683     | 4298     | 4488     | 4312  |
| 20  | 1571   | 2601     | 3116     | 3004    | 3755    | 2871     | 3683     | 4298     | 4488     | 4312  |
| 21  | 2207   | 3455     | 4004     | 5747    | 6236    | 3311     | 3683     | 4298     | 4488     | 4312  |
| 22  | 2807   | 4309     | 4852     | 8491    | 8717    | 4366     | 4250     | 4298     | 4488     | 4312  |
| 23  | 3094   | 4626     | 5466     | 8328    | 8643    | 4980     | 4250     | 4298     | 4488     | 4312  |
| 24  | 3245   | 4944     | 6040     | 8166    | 8569    | 4818     | 4250     | 4298     | 4488     | 4312  |
| 25  | 3296   | 5262     | 6614     | 8003    | 8496    | 5594     | 5385     | 5622     | 5760     | 5937  |
| 26  | 3848   | 5680     | 7128     | 7841    | 8422    | 5594     | 5594     | 6284     | 6396     | 6750  |
| 27  | 4099   | 5808     | 7762     | 7678    | 8348    | 6822     | 6520     | 7608     | 7668     | 7563  |
| 28  | 4350   | 6216     | 8336     | 7516    | 8275    | 7436     | 7088     | 8270     | 8304     | 8376  |
| 29  | 4601   | 6634     | 8910     | 7353    | 8201    | 8050     | 7655     | 8032     | 8940     | 9126  |
| 30  | 4852   | 6852     | 9485     | 7191    | 8128    | 8665     | 8223     | 8665     | 9577     | 10002 |
| 31  | 4968   | 6912     | 9466     | 7358    | 8164    | 8665     | 8487     | 8603     | 9876     | 10815 |
| 32  | 5083   | 6972     | 9508     | 7526    | 8200    | 8648     | 8752     | 10212    | 10175    | 11094 |
| 33  | 5112   | 7032     | 9520     | 7694    | 8236    | 8640     | 8916     | 10521    | 10474    | 11374 |
| 34  | 5112   | 7092     | 9532     | 7862    | 8272    | 8640     | 9016     | 10521    | 10474    | 11654 |
| 35  | 5112   | 7152     | 9544     | 8030    | 8308    | 8640     | 9211     | 10521    | 10474    | 11834 |
| 36  | 5447   | 7212     | 9556     | 8197    | 8344    | 8640     | 9410     | 10521    | 10474    | 12014 |
| 37  | 5447   | 7272     | 9567     | 8365    | 8380    | 8640     | 9610     | 10521    | 10474    | 12194 |
| 38  | 5772   | 7332     | 9579     | 8532    | 8416    | 8599     | 10074    | 10521    | 10474    | 12374 |
| 39  | 5804   | 7392     | 9591     | 8701    | 8452    | 8591     | 10339    | 10521    | 10474    | 12554 |
| 40  | 6004   | 7452     | 9603     | 8869    | 8488    | 8583     | 10603    | 10521    | 10474    | 12734 |
| 41  | 6021   | 7381     | 9616     | 8996    | 8488    | 8583     | 10603    | 10521    | 10474    | 12914 |
| 42  | 6021   | 7311     | 10189    | 8710    | 8405    | 8774     | 10571    | 10521    | 10474    | 13094 |
| 43  | 6021   | 7241     | 10483    | 8552    | 8322    | 8966     | 10274    | 10521    | 10474    | 13274 |
| 44  | 6021   | 7171     | 10776    | 8385    | 8230    | 9117     | 9877     | 10521    | 10474    | 13454 |
| 45  | 6021   | 7101     | 11070    | 8235    | 8156    | 9349     | 9681     | 10521    | 10474    | 13634 |
| 46  | 6021   | 7031     | 11363    | 8077    | 8073    | 9540     | 9384     | 10521    | 10474    | 13814 |
| 47  | 6021   | 6961     | 11656    | 7919    | 7969    | 9732     | 9087     | 10521    | 10474    | 13994 |
| 48  | 6021   | 6891     | 11950    | 7760    | 7906    | 9923     | 8791     | 10521    | 10474    | 14174 |
| 49  | 6021   | 6821     | 12243    | 7601    | 7823    | 10115    | 8494     | 10521    | 10474    | 14354 |









MEAN FULL EMPLOYMENT INCOME

PROVINCE = P.C.

MARITAL STATUS = OTHER

SEX = M

Family

| AGE | NO SCH | SOME ELI | COMP ELE | SOME HS | COMP HS | SOME UNI | CAAT GPD | RACH LEV | MAST LEV | PHC  |
|-----|--------|----------|----------|---------|---------|----------|----------|----------|----------|------|
| 14  | 1133   | 1111     | 1423     | 2310    | 2346    | 2872     | 5528     | 6451     | 6735     | 6471 |
| 15  | 1133   | 1111     | 1423     | 2310    | 2346    | 2872     | 5528     | 6451     | 6735     | 6471 |
| 16  | 1133   | 1111     | 1423     | 2310    | 2346    | 2872     | 5528     | 6451     | 6735     | 6471 |
| 17  | 1133   | 1111     | 1423     | 2310    | 2346    | 2872     | 5528     | 6451     | 6735     | 6471 |
| 18  | 1133   | 1111     | 1423     | 2310    | 2346    | 2872     | 5528     | 6451     | 6735     | 6471 |
| 19  | 1133   | 1111     | 1423     | 2310    | 2346    | 2872     | 5528     | 6451     | 6735     | 6471 |
| 20  | 1133   | 1111     | 1423     | 2310    | 2346    | 2872     | 5528     | 6451     | 6735     | 6471 |
| 21  | 1792   | 1792     | 1896     | 3431    | 3431    | 3777     | 6451     | 6451     | 6735     | 6471 |
| 22  | 1487   | 2474     | 2369     | 4552    | 4552    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 23  | 1695   | 2847     | 2602     | 4554    | 4554    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 24  | 1903   | 3220     | 2875     | 4636    | 4636    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 25  | 2111   | 3593     | 3068     | 4678    | 4678    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 26  | 2319   | 3966     | 3301     | 4720    | 4720    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 27  | 2527   | 4239     | 3534     | 4762    | 4762    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 28  | 2735   | 4712     | 3767     | 4804    | 4804    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 29  | 2943   | 5085     | 4000     | 4846    | 4846    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 30  | 3152   | 5458     | 4233     | 4888    | 4888    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 31  | 3146   | 5266     | 4224     | 4886    | 4886    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 32  | 3141   | 5074     | 4216     | 4885    | 4885    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 33  | 3136   | 4882     | 4209     | 4883    | 4883    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 34  | 3126   | 4690     | 4200     | 4882    | 4882    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 35  | 3121   | 4498     | 4192     | 4881    | 4881    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 36  | 3116   | 4306     | 4181     | 4879    | 4879    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 37  | 3111   | 4114     | 4176     | 4878    | 4878    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 38  | 3106   | 3922     | 4168     | 4876    | 4876    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 39  | 3101   | 3730     | 4160     | 4875    | 4875    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 40  | 3101   | 3538     | 4152     | 4874    | 4874    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 41  | 2946   | 3346     | 4141     | 4873    | 4873    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 42  | 2792   | 3154     | 4131     | 4872    | 4872    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 43  | 2637   | 2963     | 4121     | 4871    | 4871    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 44  | 2483   | 2771     | 4111     | 4870    | 4870    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 45  | 2329   | 2580     | 4100     | 4869    | 4869    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 46  | 2174   | 2389     | 4089     | 4868    | 4868    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 47  | 2020   | 2197     | 4078     | 4867    | 4867    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 48  | 1865   | 1986     | 4067     | 4866    | 4866    | 4777     | 6451     | 6451     | 6735     | 6471 |
| 49  | 1711   | 1785     | 4056     | 4865    | 4865    | 4777     | 6451     | 6451     | 6735     | 6471 |



|    |      |      |      |      |      |      |      |       |      |
|----|------|------|------|------|------|------|------|-------|------|
| 63 | 1413 | 1100 | 1300 | 3487 | 5424 | 7048 | 6670 | 7717  | 6016 |
| 63 | 1441 | 1100 | 1300 | 4428 | 5421 | 7123 | 6416 | 7417  | 6016 |
| 63 | 1441 | 1100 | 1300 | 4316 | 5447 | 7175 | 6112 | 7113  | 6016 |
| 63 | 1698 | 3266 | 4078 | 4350 | 5474 | 7230 | 5908 | 6864  | 8189 |
| 64 | 1726 | 3134 | 4004 | 4311 | 5500 | 7284 | 5654 | 6698  | 7839 |
| 64 | 1754 | 3002 | 3920 | 4271 | 5527 | 7337 | 5399 | 6698  | 7419 |
| 64 | 1782 | 2871 | 3836 | 4232 | 5553 | 7391 | 5145 | 6301  | 7119 |
| 64 | 1810 | 2739 | 3756 | 4193 | 5580 | 7444 | 4891 | 6074  | 6739 |
| 64 | 1839 | 2608 | 3722 | 4154 | 5606 | 7498 | 4637 | 5708  | 6439 |
| 64 | 1940 | 2623 | 3709 | 4115 | 5633 | 7552 | 4383 | 5411  | 6089 |
| 64 | 2041 | 2639 | 3700 | 4022 | 5661 | 7613 | 4229 | 5115  | 5739 |
| 64 | 2142 | 2654 | 3691 | 3932 | 5699 | 7674 | 5275 | 5635  | 6377 |
| 64 | 2244 | 2670 | 3682 | 3840 | 5738 | 7735 | 5721 | 6156  | 6058 |
| 64 | 2345 | 2685 | 3673 | 3749 | 5766 | 7796 | 6167 | 6676  | 6697 |
| 64 | 2446 | 2701 | 3664 | 3657 | 5875 | 7857 | 6614 | 7197  | 7016 |
| 67 | 2548 | 2716 | 3655 | 3566 | 5943 | 7918 | 7060 | 7718  | 7338 |
| 68 | 2649 | 2732 | 3646 | 3474 | 6011 | 7979 | 7506 | 8238  | 7658 |
| 69 | 2750 | 2747 | 3637 | 3383 | 6079 | 8040 | 7952 | 8759  | 7974 |
| 70 | 2852 | 2763 | 3628 | 3291 | 6148 | 8101 | 8398 | 9279  | 8294 |
|    |      |      | 3620 | 3200 | 6217 | 8163 | 8845 | 9800  | 8613 |
|    |      |      |      |      | 6286 | 8224 |      | 10321 | 8933 |









ANNUAL EMPLOYMENT INCOME TRANSITION ARRAY

AGE CLASS = 14-35

SEX = MALE

| AGE CLASS(1+1) -----> |     |       |         |         |         |         |         |         |         |         |         |           |           |           |           |           |           |
|-----------------------|-----|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| CLASS                 | (1) | 0-999 | 10-1999 | 20-2999 | 30-3999 | 40-4999 | 50-5999 | 60-6999 | 70-7999 | 80-8999 | 90-9999 | 100-19999 | 200-29999 | 300-39999 | 400-49999 | 500-59999 | 600-69999 |
| 0-999                 | *   | 0.41  | 0.73    | 0.26    | 0.92    | 0.95    | 0.97    | 0.97    | 0.98    | 0.98    | 0.99    | 0.99      | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      |
| 10-1999               | *   | 0.14  | 0.23    | 0.72    | 0.23    | 0.90    | 0.93    | 0.95    | 0.97    | 0.98    | 0.99    | 0.99      | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      |
| 20-2999               | *   | 0.07  | 0.22    | 0.51    | 0.69    | 0.79    | 0.87    | 0.91    | 0.94    | 0.96    | 0.96    | 0.96      | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      |
| 30-3999               | *   | 0.04  | 0.11    | 0.26    | 0.49    | 0.72    | 0.84    | 0.87    | 0.90    | 0.92    | 0.95    | 0.95      | 1.00      | 1.00      | 1.00      | 1.00      | 1.00      |
| 40-4999               | *   | 0.03  | 0.08    | 0.14    | 0.25    | 0.50    | 0.68    | 0.77    | 0.83    | 0.88    | 0.91    | 0.91      | 0.98      | 1.00      | 1.00      | 1.00      | 1.00      |
| 50-5999               | *   | 0.03  | 0.05    | 0.10    | 0.17    | 0.22    | 0.30    | 0.37    | 0.44    | 0.50    | 0.59    | 0.60      | 0.96      | 1.00      | 1.00      | 1.00      | 1.00      |
| 60-6999               | *   | 0.01  | 0.01    | 0.04    | 0.05    | 0.09    | 0.22    | 0.52    | 0.82    | 0.88    | 0.90    | 0.90      | 0.97      | 1.00      | 1.00      | 1.00      | 1.00      |
| 70-7999               | *   | 0.01  | 0.02    | 0.03    | 0.04    | 0.08    | 0.10    | 0.21    | 0.52    | 0.82    | 0.92    | 0.92      | 0.98      | 1.00      | 1.00      | 1.00      | 1.00      |
| 80-8999               | *   | 0.00  | 0.01    | 0.02    | 0.03    | 0.05    | 0.07    | 0.13    | 0.21    | 0.50    | 0.80    | 0.90      | 0.98      | 1.00      | 1.00      | 1.00      | 1.00      |
| 90-9999               | *   | 0.00  | 0.00    | 0.00    | 0.01    | 0.02    | 0.05    | 0.05    | 0.09    | 0.15    | 0.45    | 0.88      | 0.99      | 1.00      | 1.00      | 1.00      | 1.00      |
| ->14999               | *   | 0.00  | 0.01    | 0.01    | 0.02    | 0.02    | 0.03    | 0.04    | 0.05    | 0.07    | 0.11    | 0.86      | 0.98      | 0.99      | 0.99      | 1.00      | 1.00      |
| ->19999               | *   | 0.00  | 0.01    | 0.01    | 0.01    | 0.02    | 0.02    | 0.02    | 0.02    | 0.04    | 0.04    | 0.15      | 0.91      | 0.94      | 0.94      | 1.00      | 1.00      |
| ->24999               | *   | 0.00  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.10      | 0.90      | 0.97      | 0.97      | 1.00      | 1.00      |
| ->29999               | *   | 0.00  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.11      | 0.91      | 0.93      | 0.93      | 1.00      | 1.00      |



## ANAL FIDUCY F TACILE TRANSITION ARRAY

AGE CLASS = 36-45

SEX = 27V2



APPROXIMATE ELEMENT TRANSITION ARRAY

$$+34 = 55 \vee 17 \text{ 197}$$

VALLEY











AGE CLASS = 36-45

$$37 \Delta 11 = 3.35$$



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AGF CLASS = 14-24

11

| AGE   |        | WAGE CLASS (T+1)-----> |       |       |        |         |         |         |         |      |  |
|-------|--------|------------------------|-------|-------|--------|---------|---------|---------|---------|------|--|
| (T)   |        | 1-40                   | 41-60 | 61-80 | 81-100 | 101-120 | 121-150 | 151-200 | 201-240 | 241+ |  |
| 0     | * 0.06 | 0.22                   | 0.44  | 0.70  | 0.79   | 0.86    | 0.91    | 0.95    | 0.96    | 1.00 |  |
| 1-5   | * 0.02 | 0.11                   | 0.30  | 0.46  | 0.62   | 0.80    | 0.90    | 0.96    | 0.97    | 1.00 |  |
| 6-10  | * 0.01 | 0.07                   | 0.19  | 0.33  | 0.49   | 0.66    | 0.86    | 0.97    | 0.97    | 1.00 |  |
| 11-15 | * 0.01 | 0.06                   | 0.17  | 0.30  | 0.46   | 0.65    | 0.85    | 0.96    | 0.97    | 1.00 |  |
| 16-20 | * 0.01 | 0.05                   | 0.15  | 0.28  | 0.44   | 0.64    | 0.84    | 0.94    | 0.95    | 1.00 |  |
| 21-25 | * 0.01 | 0.04                   | 0.13  | 0.26  | 0.42   | 0.62    | 0.82    | 0.92    | 0.93    | 1.00 |  |
| 26-30 | * 0.01 | 0.03                   | 0.11  | 0.23  | 0.39   | 0.60    | 0.80    | 0.90    | 0.91    | 1.00 |  |
| 31+   | * 0.01 | 0.02                   | 0.08  | 0.16  | 0.27   | 0.47    | 0.67    | 0.77    | 0.78    | 1.00 |  |





AGE CLASS = 25-34

SEX = FALF

[illegible]



464 CLASS = 36-44

375 = 14.3



ST X II VAL E

| PAGE CLASS (T+1)-----> |      | 1-40 | 41-60 | 61-80 | 81-100 | 101-120 | 121-160 | 161-200 | 201-240 | 241+ |
|------------------------|------|------|-------|-------|--------|---------|---------|---------|---------|------|
| 0                      | 0.11 | 0.36 | 0.57  | 0.68  | 0.93   | 0.93    | 1.00    | 1.00    | 1.00    | 1.00 |
| 1-40                   | 0.12 | 0.60 | 0.75  | 0.93  | 0.93   | 0.96    | 0.97    | 0.97    | 0.98    | 1.00 |
| 41-60                  | 0.12 | 0.60 | 0.75  | 0.93  | 0.93   | 0.96    | 0.97    | 0.97    | 0.98    | 1.00 |
| 61-80                  | 0.12 | 0.60 | 0.75  | 0.93  | 0.93   | 0.96    | 0.97    | 0.97    | 0.98    | 1.00 |
| 81-100                 | 0.12 | 0.60 | 0.75  | 0.93  | 0.93   | 0.96    | 0.97    | 0.97    | 0.98    | 1.00 |
| 101-120                | 0.12 | 0.60 | 0.75  | 0.93  | 0.93   | 0.96    | 0.97    | 0.97    | 0.98    | 1.00 |
| 121-160                | 0.12 | 0.60 | 0.75  | 0.93  | 0.93   | 0.96    | 0.97    | 0.97    | 0.98    | 1.00 |
| 161-200                | 0.12 | 0.60 | 0.75  | 0.93  | 0.93   | 0.96    | 0.97    | 0.97    | 0.98    | 1.00 |
| 201-240                | 0.12 | 0.60 | 0.75  | 0.93  | 0.93   | 0.96    | 0.97    | 0.97    | 0.98    | 1.00 |
| 241+                   | 0.12 | 0.60 | 0.75  | 0.93  | 0.93   | 0.96    | 0.97    | 0.97    | 0.98    | 1.00 |



DATE POSITION ADAY

AGE CLASS = 14-24

SEX = FEMALE

| CL 55 (1+1)-----> |        |       |       |        |         |         |         |         |      |  |  |  |
|-------------------|--------|-------|-------|--------|---------|---------|---------|---------|------|--|--|--|
| 0                 | 1-40   | 41-60 | 61-80 | 81-100 | 101-120 | 121-160 | 161-200 | 201-240 | 241+ |  |  |  |
| 0                 | * 0.04 | 0.35  | 0.65  | 0.84   | 0.89    | 0.92    | 0.94    | 0.96    | 1.00 |  |  |  |
| 1-40              | * 0.04 | 0.77  | 0.83  | 0.85   | 0.84    | 0.85    | 0.87    | 0.87    | 1.00 |  |  |  |
| 1-60              | * 0.04 | 0.59  | 0.80  | 0.84   | 0.85    | 0.86    | 0.87    | 0.88    | 1.00 |  |  |  |
| 1-80              | * 0.04 | 0.43  | 0.74  | 0.80   | 0.84    | 0.86    | 0.87    | 0.87    | 1.00 |  |  |  |
| 1-100             | * 0.04 | 0.33  | 0.67  | 0.78   | 0.80    | 0.84    | 0.85    | 0.86    | 1.00 |  |  |  |
| 1-120             | * 0.04 | 0.27  | 0.58  | 0.73   | 0.79    | 0.82    | 0.85    | 0.86    | 1.00 |  |  |  |
| 1-160             | * 0.04 | 0.18  | 0.38  | 0.49   | 0.58    | 0.64    | 0.69    | 0.71    | 1.00 |  |  |  |
| 1-200             | * 0.04 | 0.11  | 0.25  | 0.37   | 0.44    | 0.50    | 0.57    | 0.59    | 1.00 |  |  |  |
| 1-240             | * 0.04 | 0.06  | 0.24  | 0.33   | 0.43    | 0.48    | 0.57    | 0.58    | 1.00 |  |  |  |
| 241+              | * 0.04 | 0.20  | 0.42  | 0.52   | 0.60    | 0.68    | 0.73    | 0.75    | 1.00 |  |  |  |























INDEX

Agf. CLASS = 14-36

11. 11. 1 (1551) 11. 11. 1







ACE CLASS = 50-45

$\Gamma_0(N) \cap \Gamma_0(M)$



$$+53 = 53712 + 67$$









INTEREST CLASS (T+1)----->

AGE CLASS = 14-35

INTEREST CLASS (T+1)----->

| INTEREST CLASS | 0    | 1-250 | 251-500 | 501-750 | 751-1K | 1K-2K | 2K-3K | 3K-4K | 4K-5K | 5K-6K | 6K-7K | 7K-8K | 8K+  |
|----------------|------|-------|---------|---------|--------|-------|-------|-------|-------|-------|-------|-------|------|
| 0              | 0.87 | 0.99  | 1.00    | 1.00    | 1.00   | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00 |
| 1-250          | 0.30 | 0.95  | 0.99    | 0.99    | 1.00   | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00 |
| 251-500        | 0.10 | 0.38  | 0.76    | 0.93    | 0.96   | 0.99  | 0.99  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00 |
| 501-750        | 0.07 | 0.23  | 0.42    | 0.72    | 0.88   | 0.98  | 0.99  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00 |
| 751-1K         | 0.05 | 0.18  | 0.24    | 0.29    | 0.67   | 0.95  | 0.98  | 0.99  | 0.99  | 0.99  | 0.99  | 1.00  | 1.00 |
| 1K-2K          | 0.04 | 0.09  | 0.12    | 0.19    | 0.27   | 0.84  | 0.95  | 0.98  | 0.99  | 0.99  | 0.99  | 1.00  | 1.00 |
| 2K-3K          | 0.03 | 0.06  | 0.07    | 0.08    | 0.12   | 0.28  | 0.73  | 0.90  | 0.95  | 0.97  | 0.98  | 0.99  | 1.00 |
| 3K-4K          | 0.02 | 0.05  | 0.06    | 0.11    | 0.12   | 0.17  | 0.30  | 0.67  | 0.90  | 0.93  | 0.96  | 0.98  | 1.00 |
| 4K-5K          | 0.02 | 0.02  | 0.02    | 0.02    | 0.04   | 0.10  | 0.10  | 0.33  | 0.69  | 0.87  | 0.92  | 0.95  | 1.00 |
| 5K-6K          | 0.05 | 0.05  | 0.05    | 0.05    | 0.05   | 0.08  | 0.13  | 0.18  | 0.37  | 0.76  | 0.82  | 0.87  | 1.00 |
| 6K-7K          | 0.03 | 0.03  | 0.03    | 0.03    | 0.07   | 0.13  | 0.13  | 0.13  | 0.30  | 0.43  | 0.57  | 0.87  | 1.00 |
| 7K-8K          | 0.04 | 0.04  | 0.04    | 0.04    | 0.08   | 0.08  | 0.12  | 0.12  | 0.25  | 0.29  | 0.50  | 0.79  | 1.00 |
| 8K+            | 0.03 | 0.08  | 0.08    | 0.08    | 0.08   | 0.11  | 0.14  | 0.15  | 0.20  | 0.22  | 0.24  | 0.33  | 1.00 |



INTEREST TRANSITION MATRIX

DATE 21-05-2024

INTEREST CLASS (T+1) ----->

| INTEREST CLASS | 1-250  | 251-500 | 501-750 | 750-1K | 1K-2K | 2K-3K | 3K-4K | 4K-5K | 5K-7K | 7K-8K | 8K+  |
|----------------|--------|---------|---------|--------|-------|-------|-------|-------|-------|-------|------|
| 0              | * 0.81 | 0.98    | 0.99    | 1.00   | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00 |
| 1-250          | * 0.21 | 0.91    | 0.97    | 0.99   | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00 |
| 251-500        | * 0.06 | 0.33    | 0.77    | 0.92   | 0.99  | 0.99  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00 |
| 501-750        | * 0.05 | 0.19    | 0.36    | 0.69   | 0.97  | 0.99  | 0.99  | 0.99  | 1.00  | 1.00  | 1.00 |
| 750-1K         | * 0.04 | 0.13    | 0.21    | 0.39   | 0.67  | 0.95  | 0.99  | 0.99  | 1.00  | 1.00  | 1.00 |
| 1K-2K          | * 0.03 | 0.09    | 0.14    | 0.19   | 0.30  | 0.62  | 0.98  | 0.99  | 0.99  | 1.00  | 1.00 |
| 2K-3K          | * 0.04 | 0.08    | 0.10    | 0.12   | 0.14  | 0.31  | 0.73  | 0.95  | 0.98  | 0.98  | 1.00 |
| 3K-4K          | * 0.01 | 0.04    | 0.05    | 0.06   | 0.07  | 0.14  | 0.21  | 0.26  | 0.55  | 0.67  | 1.00 |
| 4K-5K          | * 0.03 | 0.05    | 0.11    | 0.13   | 0.12  | 0.17  | 0.25  | 0.71  | 0.89  | 0.93  | 1.00 |
| 5K-7K          | * 0.01 | 0.04    | 0.07    | 0.07   | 0.09  | 0.11  | 0.15  | 0.31  | 0.51  | 0.66  | 1.00 |
| 7K-8K          | * 0.04 | 0.06    | 0.08    | 0.08   | 0.12  | 0.17  | 0.19  | 0.34  | 0.46  | 0.51  | 1.00 |
| 8K+            | * 0.03 | 0.05    | 0.07    | 0.07   | 0.08  | 0.09  | 0.12  | 0.17  | 0.23  | 0.28  | 1.00 |



INTEREST TRANSITION MATRIX

AGE CLASS = 50-65

| INTEREST CLASS |         | INTEREST CLASS(T+1)-----> |       |         |         |        |       |       |       |       |       |       |       |
|----------------|---------|---------------------------|-------|---------|---------|--------|-------|-------|-------|-------|-------|-------|-------|
| (T)            |         | 0                         | 1-250 | 251-500 | 501-750 | 751-1K | 1K-2K | 2K-3K | 3K-4K | 4K-5K | 5K-6K | 6K-7K | 7K-8K |
| INTEREST CLASS | 0       | * 0.77                    | 0.97  | 0.98    | 0.99    | 1.00   | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  |
|                | 1-250   | * 0.16                    | 0.87  | 0.96    | 0.98    | 0.99   | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  |
|                | 251-500 | * 0.05                    | 0.27  | 0.72    | 0.89    | 0.94   | 0.98  | 0.99  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  |
|                | 501-750 | * 0.03                    | 0.12  | 0.30    | 0.66    | 0.86   | 0.98  | 0.99  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  |
|                | 751-1K  | * 0.03                    | 0.10  | 0.16    | 0.22    | 0.61   | 0.95  | 0.99  | 0.99  | 0.99  | 0.99  | 1.00  | 1.00  |
| AGE CLASS      | 1K-2K   | * 0.03                    | 0.07  | 0.10    | 0.15    | 0.23   | 0.82  | 0.98  | 0.99  | 0.99  | 0.99  | 1.00  | 1.00  |
|                | 2K-3K   | * 0.02                    | 0.05  | 0.06    | 0.08    | 0.09   | 0.25  | 0.72  | 0.92  | 0.97  | 0.98  | 0.99  | 1.00  |
|                | 3K-4K   | * 0.01                    | 0.03  | 0.03    | 0.04    | 0.05   | 0.09  | 0.24  | 0.67  | 0.90  | 0.95  | 0.96  | 1.00  |
|                | 4K-5K   | * 0.01                    | 0.01  | 0.01    | 0.02    | 0.03   | 0.04  | 0.11  | 0.26  | 0.66  | 0.89  | 0.93  | 1.00  |
|                | 5K-6K   | * 0.01                    | 0.02  | 0.02    | 0.03    | 0.03   | 0.05  | 0.10  | 0.15  | 0.34  | 0.68  | 0.85  | 1.00  |
| AGE CLASS      | 6K-7K   | * 0.01                    | 0.02  | 0.03    | 0.04    | 0.04   | 0.05  | 0.07  | 0.13  | 0.18  | 0.30  | 0.61  | 1.00  |
|                | 7K-8K   | * 0.0                     | 0.01  | 0.01    | 0.01    | 0.04   | 0.06  | 0.08  | 0.12  | 0.14  | 0.24  | 0.38  | 1.00  |
|                | AK+     | * 0.01                    | 0.02  | 0.03    | 0.04    | 0.05   | 0.07  | 0.09  | 0.11  | 0.12  | 0.14  | 0.16  | 1.00  |













### FEASIBILITY OF MOVING FROM DIVIDEND CLASS A TO DIVIDEND CLASS B.

$$1.2 \times 10^{-1} = 0.12$$

TOP SECRET CLASS = 00-7K

✓ 4 200 400 1000 10000 100000 1000000

USE = Solid - 164

[illegible]



# PROBABILITY OF MOVING FROM DIVIDING CLASS A TO DIVIDEND CLASS A.

111

INCCIF CLASS = 0-1k

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2005.10.25





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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 8  |    |    |    |    |    |    |    |    |    |    |    |     |

$\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & i \\ 0 & 1 \end{pmatrix}$

INCCF CLASS = 7K-15K

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

$$\cos 2\theta = \cos^2 \theta - \sin^2 \theta$$

INCOME CLASS = 7K-15K

1875



IN-CRIT CLASS = 7K-15K

1851

51. Shedding

7.5 = 7.5

CLASS (12) 100 000 000 000 000



PROBABILITY OF MOVING FROM DIVIDEND CLASS A TO DIVIDEND CLASS B.

AGE CLASS = 14-25

INCOME CLASS = 15K+

CLASS

|  | 1-250 | 251-500 | 501-750 | 751-1000 | 1001-1250 | 1251-1500 | 1501-1750 | 1751-2000 | 2001-2250 | 2251-2500 | 2501-2750 | 2751-3000 | 3001-3250 | 3251-3500 | 3501-3750 | 3751-4000 | 4001-4250 | 4251-4500 | 4501-4750 | 4751-5000 | 5001-5250 | 5251-5500 | 5501-5750 | 5751-6000 | 6001-6250 | 6251-6500 | 6501-6750 | 6751-7000 | 7001-7250 | 7251-7500 | 7501-7750 | 7751-8000 | 8001-8250 | 8251-8500 | 8501-8750 | 8751-9000 | 9001-9250 | 9251-9500 | 9501-9750 | 9751-10000 | 10001-10250 | 10251-10500 | 10501-10750 | 10751-11000 | 11001-11250 | 11251-11500 | 11501-11750 | 11751-12000 | 12001-12250 | 12251-12500 | 12501-12750 | 12751-13000 | 13001-13250 | 13251-13500 | 13501-13750 | 13751-14000 | 14001-14250 | 14251-14500 | 14501-14750 | 14751-15000 | 15001-15250 | 15251-15500 | 15501-15750 | 15751-16000 | 16001-16250 | 16251-16500 | 16501-16750 | 16751-17000 | 17001-17250 | 17251-17500 | 17501-17750 | 17751-18000 | 18001-18250 | 18251-18500 | 18501-18750 | 18751-19000 | 19001-19250 | 19251-19500 | 19501-19750 | 19751-20000 | 20001-20250 | 20251-20500 | 20501-20750 | 20751-21000 | 21001-21250 | 21251-21500 | 21501-21750 | 21751-22000 | 22001-22250 | 22251-22500 | 22501-22750 | 22751-23000 | 23001-23250 | 23251-23500 | 23501-23750 | 23751-24000 | 24001-24250 | 24251-24500 | 24501-24750 | 24751-25000 | 25001-25250 | 25251-25500 | 25501-25750 | 25751-26000 | 26001-26250 | 26251-26500 | 26501-26750 | 26751-27000 | 27001-27250 | 27251-27500 | 27501-27750 | 27751-28000 | 28001-28250 | 28251-28500 | 28501-28750 | 28751-29000 | 29001-29250 | 29251-29500 | 29501-29750 | 29751-30000 | 30001-30250 | 30251-30500 | 30501-30750 | 30751-31000 | 31001-31250 | 31251-31500 | 31501-31750 | 31751-32000 | 32001-32250 | 32251-32500 | 32501-32750 | 32751-33000 | 33001-33250 | 33251-33500 | 33501-33750 | 33751-34000 | 34001-34250 | 34251-34500 | 34501-34750 | 34751-35000 | 35001-35250 | 35251-35500 | 35501-35750 | 35751-36000 | 36001-36250 | 36251-36500 | 36501-36750 | 36751-37000 | 37001-37250 | 37251-37500 | 37501-37750 | 37751-38000 | 38001-38250 | 38251-38500 | 38501-38750 | 38751-39000 | 39001-39250 | 39251-39500 | 39501-39750 | 39751-40000 | 40001-40250 | 40251-40500 | 40501-40750 | 40751-41000 | 41001-41250 | 41251-41500 | 41501-41750 | 41751-42000 | 42001-42250 | 42251-42500 | 42501-42750 | 42751-43000 | 43001-43250 | 43251-43500 | 43501-43750 | 43751-44000 | 44001-44250 | 44251-44500 | 44501-44750 | 44751-45000 | 45001-45250 | 45251-45500 | 45501-45750 | 45751-46000 | 46001-46250 | 46251-46500 | 46501-46750 | 46751-47000 | 47001-47250 | 47251-47500 | 47501-47750 | 47751-48000 | 48001-48250 | 48251-48500 | 48501-48750 | 48751-49000 | 49001-49250 | 49251-49500 | 49501-49750 | 49751-50000 | 50001-50250 | 50251-50500 | 50501-50750 | 50751-51000 | 51001-51250 | 51251-51500 | 51501-51750 | 51751-52000 | 52001-52250 | 52251-52500 | 52501-52750 | 52751-53000 | 53001-53250 | 53251-53500 | 53501-53750 | 53751-54000 | 54001-54250 | 54251-54500 | 54501-54750 | 54751-55000 | 55001-55250 | 55251-55500 | 55501-55750 | 55751-56000 | 56001-56250 | 56251-56500 | 56501-56750 | 56751-57000 | 57001-57250 | 57251-57500 | 57501-57750 | 57751-58000 | 58001-58250 | 58251-58500 | 58501-58750 | 58751-59000 | 59001-59250 | 59251-59500 | 59501-59750 | 59751-60000 | 60001-60250 | 60251-60500 | 60501-60750 | 60751-61000 | 61001-61250 | 61251-61500 | 61501-61750 | 61751-62000 | 62001-62250 | 62251-62500 | 62501-62750 | 62751-63000 | 63001-63250 | 63251-63500 | 63501-63750 | 63751-64000 | 64001-64250 | 64251-64500 | 64501-64750 | 64751-65000 | 65001-65250 | 65251-65500 | 65501-65750 | 65751-66000 | 66001-66250 | 66251-66500 | 66501-66750 | 66751-67000 | 67001-67250 | 67251-67500 | 67501-67750 | 67751-68000 | 68001-68250 | 68251-68500 | 68501-68750 | 68751-69000 | 69001-69250 | 69251-69500 | 69501-69750 | 69751-70000 | 70001-70250 | 70251-70500 | 70501-70750 | 70751-71000 | 71001-71250 | 71251-71500 | 71501-71750 | 71751-72000 | 72001-72250 | 72251-72500 | 72501-72750 | 72751-73000 | 73001-73250 | 73251-73500 | 73501-73750 | 73751-74000 | 74001-74250 | 74251-74500 | 74501-74750 | 74751-75000 | 75001-75250 | 75251-75500 | 75501-75750 | 75751-76000 | 76001-76250 | 76251-76500 | 76501-76750 | 76751-77000 | 77001-77250 | 77251-77500 | 77501-77750 | 77751-78000 | 78001-78250 | 78251-78500 | 78501-78750 | 78751-79000 | 79001-79250 | 79251-79500 | 79501-79750 | 79751-80000 | 80001-80250 | 80251-80500 | 80501-80750 | 80751-81000 | 81001-81250 | 81251-81500 | 81501-81750 | 81751-82000 | 82001-82250 | 82251-82500 | 82501-82750 | 82751-83000 | 83001-83250 | 83251-83500 | 83501-83750 | 83751-84000 | 84001-84250 | 84251-84500 | 84501-84750 | 84751-85000 | 85001-85250 | 85251-85500 | 85501-85750 | 85751-86000 | 86001-86250 | 86251-86500 | 86501-86750 | 86751-87000 | 87001-87250 | 87251-87500 | 87501-87750 | 87751-88000 | 88001-88250 | 88251-88500 | 88501-88750 | 88751-89000 | 89001-89250 | 89251-89500 | 89501-89750 | 89751-90000 | 90001-90250 | 90251-90500 | 90501-90750 | 90751-91000 | 91001-91250 | 91251-91500 | 91501-91750 | 91751-92000 | 92001-92250 | 92251-92500 | 92501-92750 | 92751-93000 | 93001-93250 | 93251-93500 | 93501-93750 | 93751-94000 | 94001-94250 | 94251-94500 | 94501-94750 | 94751-95000 | 95001-95250 | 95251-95500 | 95501-95750 | 95751-96000 | 96001-96250 | 96251-96500 | 96501-96750 | 96751-97000 | 97001-97250 | 97251-97500 | 97501-97750 | 97751-98000 | 98001-98250 | 98251-98500 | 98501-98750 | 98751-99000 | 99001-99250 | 99251-99500 | 99501-99750 | 99751-100000 | 100001-100250 | 100251-100500 | 100501-100750 | 100751-101000 | 101001-101250 | 101251-101500 | 101501-101750 | 101751-102000 | 102001-102250 | 102251-102500 | 102501-102750 | 102751-103000 | 103001-103250 | 103251-103500 | 103501-103750 | 103751-104000 | 104001-104250 | 104251-104500 | 104501-104750 | 104751-105000 | 105001-105250 | 105251-105500 | 105501-105750 | 105751-106000 | 106001-106250 | 106251-106500 | 106501-106750 | 106751-107000 | 107001-107250 | 107251-107500 | 107501-107750 | 107751-108000 | 108001-108250 | 108251-108500 | 108501-108750 | 108751-109000 | 109001-109250 | 109251-109500 | 109501-109750 | 109751-110000 | 110001-110250 | 110251-110500 | 110501-110750 | 110751-111000 | 111001-111250 | 111251-111500 | 111501-111750 | 111751-112000 | 112001-112250 | 112251-112500 | 112501-112750 | 112751-113000 | 113001-113250 | 113251-113500 | 113501-113750 | 113751-114000 | 114001-114250 | 114251-114500 | 114501-114750 | 114751-115000 | 115001-115250 | 115251-115500 | 115501-115750 | 115751-116000 | 116001-116250 | 116251-116500 | 116501-116750 | 116751-117000 | 117001-117250 | 117251-117500 | 117501-117750 | 117751-118000 | 118001-118250 | 118251-118500 | 118501-118750 | 118751-119000 | 119001-119250 | 119251-119500 | 119501-119750 | 119751-120000 | 120001-120250 | 120251-120500 | 120501-120750 | 120751-121000 | 121001-121250 | 121251-121500 | 121501-121750 | 121751-122000 | 122001-122250 | 122251-122500 | 122501-122750 | 122751-123000 | 123001-123250 | 123251-123500 | 123501-123750 | 123751-124000 | 124001-124250 | 124251-124500 | 124501-124750 | 124751-125000 | 125001-125250 | 125251-125500 | 125501-125750 | 125751-126000 | 126001-126250 | 126251-126500 | 126501-126750 | 126751-127000 | 127001-127250 | 127251-127500 | 127501-127750 | 127751-128000 | 128001-128250 | 128251-128500 | 128501-128750 | 128751-129000 | 129001-129250 | 129251-129500 | 129501-129750 | 129751-130000 | 130001-130250 | 130251-130500 | 130501-130750 | 130751-131000 | 131001-131250 | 131251-131500 | 131501-131750 | 131751-132000 | 132001-132250 | 132251-132500 | 132501-132750 | 132751-133000 | 133001-133250 | 133251-133500 | 133501-133750 | 133751-134000 | 134001-134250 | 134251-134500 | 134501-134750 | 134751-135000 | 135001-135250 | 135251-135500 | 135501-135750 | 135751-136000 | 136001-136250 | 136251-136500 | 136501-136750 | 136751-137000 | 137001-137250 | 137251-137500 | 137501-137750 | 137751-138000 | 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153501-153750 | 153751-154000 | 154001-154250 | 154251-154500 | 154501-154750 | 154751-155000 | 155001-155250 | 155251-155500 | 155501-155750 | 155751-156000 | 156001-156250 | 156251-156500 | 156501-156750 | 156751-157000 | 157001-157250 | 157251-157500 | 157501-157750 | 157751-158000 | 158001-158250 | 158251-158500 | 158501-158750 | 158751-159000 | 159001-159250 | 159251-159500 | 159501-159750 | 159751-160000 | 160001-160250 | 160251-160500 | 160501-160750 | 160751-161000 | 161001-161250 | 161251-161500 | 161501-161750 | 161751-162000 | 162001-162250 | 162251-162500 | 162501-162750 | 162751-163000 | 163001-163250 | 163251-163500 | 163501-163750 | 163751-164000 | 164001-164250 | 164251-164500 | 164501-164750 | 164751-165000 | 165001-165250 | 165251-165500 | 165501-165750 | 165751-166000 | 166001-166250 | 166251-166500 | 166501-166750 | 166751-167000 | 167001-167250 | 167251-167500 | 167501-167750 | 167751-168000 | 168001-168250 | 168251-168500 | 168501-168750 | 168751-169000 | 169001-169250 | 169251-169500 | 169501-169750 | 169751-170000 | 170001-170250 | 170251-170500 | 170501-170750 | 170751-171000 | 171001-171250 | 171251-171500 | 171501-171750 | 171751-172000 | 172001-172250 | 172251-172500 | 172501-172750 | 172751-173000 | 173001-173250 | 173251-173500 | 173501-173750 | 173751-174000 | 174001-174250 | 174251-174500 | 174501-174750 | 174751-175000 | 175001-175250 | 175251-175500 | 175501-175750 | 175751-176000 | 176001-176250 | 176251-176500 | 176501-176750 | 176751-177000 | 177001-177250 | 177251-177500 | 177501-177750 | 177751-178000 | 178001-178250 | 178251-178500 | 178501-178750 | 178751-179000 | 179001-179250 | 179251-179500 | 179501-179750 | 179751-180000 | 180001-180250 | 180251-180500 | 180501-180750 | 180751-181000 | 181001-181250 | 18 |
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INCOME CLASS = 0-7K

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1-250 \* 0.17 0.88

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| 9 | 9 |
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| 6 | 6 |
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| 3 | 3 |
| 2 | 2 |
| 1 | 1 |

INCC CLASS = 0-74

卷之四

\*\*\*\*\* (TSSAT) \*\*\*\*\* 22.1)

[illegible]

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|--|---|------|------|------|------|------|------|----|
|  | + | 0.13 | 0.92 | 0.94 | 0.56 | 0.97 | 0.59 | 0. |
|--|---|------|------|------|------|------|------|----|

| Year                      | 1950 | 1955 | 1960 | 1965 | 1970 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Population (millions)     | 1.0  | 1.5  | 2.0  | 2.5  | 3.0  | 3.5  | 4.0  | 4.5  | 5.0  | 5.5  | 6.0  | 6.5  | 7.0  | 7.5  | 8.0  |
| GDP (billions of dollars) | 0.1  | 0.5  | 1.0  | 1.5  | 2.0  | 2.5  | 3.0  | 3.5  | 4.0  | 4.5  | 5.0  | 5.5  | 6.0  | 6.5  | 7.0  |
| Life expectancy (years)   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   | 95   | 100  | 105  | 110  | 115  |

100



AGE CLASS = 14-39

INCOME CLASS = 7K-15K

(CLASSIC) - - - -

$$05-56 = 58712-197$$

INCREASE CLASS = 7x-14x

CLASS (12) 11111111









# \*\*\* LIVING EXP. INTEREST CLASS A TO INTEREST CLASS B \*\*\*

AGE CLASS = 14-35

INCOME CLASS = 15K+

| CLASS (H)-----> |      |       |         |         |        |       |       |       |       |       |        |
|-----------------|------|-------|---------|---------|--------|-------|-------|-------|-------|-------|--------|
| CLASS           | 0    | 1-250 | 251-500 | 501-750 | 750-1K | 1K-2K | 2K-3K | 3K-4K | 4K-5K | 5K-7K | 7K-10K |
| 0               |      |       |         |         |        |       |       |       |       |       |        |
| * 0.60          |      | 0.95  | 0.98    | 0.98    | 0.99   | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00   |
| 1-250 *         | 0.18 | 0.84  | 0.94    | 0.96    | 0.97   | 0.98  | 0.99  | 0.99  | 0.99  | 1.00  | 1.00   |

INCOME CLASS = 15K+

| CLASS (H)-----> |      |       |         |         |        |       |       |       |       |       |        |
|-----------------|------|-------|---------|---------|--------|-------|-------|-------|-------|-------|--------|
| CLASS           | 0    | 1-250 | 251-500 | 501-750 | 750-1K | 1K-2K | 2K-3K | 3K-4K | 4K-5K | 5K-7K | 7K-10K |
| 0               |      |       |         |         |        |       |       |       |       |       |        |
| * 0.63          |      | 0.93  | 0.95    | 0.96    | 0.97   | 0.98  | 0.99  | 0.99  | 0.99  | 1.00  | 1.00   |
| 1-250 *         | 0.14 | 0.84  | 0.94    | 0.96    | 0.98   | 0.99  | 0.99  | 0.99  | 1.00  | 1.00  | 1.00   |











SPR = NATE

PENSION CLASS PERCENT ----->

FINAL

|          | 10%    | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  | 100% |
|----------|--------|------|------|------|------|------|------|------|------|------|
| <2.5K\$  | * 0.09 | 0.37 | 0.48 | 0.59 | 0.67 | 0.71 | 0.77 | 0.79 | 1.00 | 1.00 |
| 2.5-3K\$ | * 0.15 | 0.37 | 0.56 | 0.71 | 0.87 | 0.90 | 0.93 | 0.95 | 1.00 | 1.00 |
| 3-3.5K\$ | * 0.13 | 0.37 | 0.54 | 0.70 | 0.83 | 0.91 | 0.95 | 0.96 | 1.00 | 1.00 |
| 3.5-4K\$ | * 0.10 | 0.31 | 0.55 | 0.71 | 0.88 | 0.94 | 0.98 | 0.99 | 1.00 | 1.00 |
| 4-4.5K\$ | * 0.09 | 0.23 | 0.40 | 0.58 | 0.77 | 0.89 | 0.94 | 0.99 | 1.00 | 1.00 |
| 4.5-5K\$ | * 0.07 | 0.20 | 0.36 | 0.50 | 0.77 | 0.90 | 0.96 | 0.99 | 1.00 | 1.00 |
| 5-5.5K\$ | * 0.07 | 0.16 | 0.23 | 0.32 | 0.70 | 0.84 | 0.98 | 1.00 | 1.00 | 1.00 |
| 5.5-6K\$ | * 0.04 | 0.14 | 0.29 | 0.48 | 0.69 | 0.86 | 0.97 | 1.00 | 1.00 | 1.00 |
| 6-7K\$   | * 0.04 | 0.13 | 0.27 | 0.40 | 0.68 | 0.84 | 0.95 | 0.99 | 1.00 | 1.00 |
| 7-8K\$   | * 0.03 | 0.13 | 0.25 | 0.43 | 0.66 | 0.80 | 0.96 | 1.00 | 1.00 | 1.00 |
| 8-9K\$   | * 0.03 | 0.07 | 0.17 | 0.36 | 0.63 | 0.82 | 0.96 | 1.00 | 1.00 | 1.00 |
| 9-10K\$  | * 0.03 | 0.08 | 0.18 | 0.37 | 0.65 | 0.87 | 0.98 | 1.00 | 1.00 | 1.00 |
| 10-11K\$ | * 0.04 | 0.11 | 0.23 | 0.39 | 0.61 | 0.79 | 0.96 | 1.00 | 1.00 | 1.00 |
| 11-12K\$ | * 0.03 | 0.09 | 0.18 | 0.32 | 0.52 | 0.84 | 0.97 | 1.00 | 1.00 | 1.00 |
| 12-13K\$ | * 0.01 | 0.08 | 0.16 | 0.33 | 0.57 | 0.80 | 0.96 | 0.99 | 1.00 | 1.00 |
| 13-14K\$ | * 0.01 | 0.12 | 0.25 | 0.48 | 0.75 | 0.75 | 0.94 | 1.00 | 1.00 | 1.00 |
| 14-15K\$ | * 0.04 | 0.07 | 0.20 | 0.40 | 0.73 | 0.73 | 0.87 | 1.00 | 1.00 | 1.00 |
| 15K\$-   | * 0.05 | 0.15 | 0.32 | 0.52 | 0.82 | 0.82 | 0.94 | 1.00 | 1.00 | 1.00 |























APPENDIX F

THE POLICY BLOCK



APPENDIX F.1

COMPUTER PROGRAM RESULT



| LIC    | PROJECT CODE | ADDR1 | ADDR2 | STMT    | SOURCE STATEMENT              | CSFCT                         |
|--------|--------------|-------|-------|---------|-------------------------------|-------------------------------|
| 000000 | 0560         |       |       | 1 READ2 |                               | CSFCT                         |
| 000002 | 0000         |       |       | 2       | BALR USING                    | BALR                          |
| 000004 | 0000         |       |       | 3       | STM                           | STM                           |
| 000006 | 0000         |       |       | 4       | ST                            | ST                            |
| 000008 | 0000         |       |       | 5       | LR                            | LR                            |
| 000010 | 0000         |       |       | 6       | LA                            | LA                            |
| 000012 | 0000         |       |       | 7       | ST                            | ST                            |
| 000014 | 0000         |       |       | 8       | L MVC                         | L MVC                         |
| 000016 | 0000         |       |       | 9       | TM                            | TM                            |
| 000018 | 0000         |       |       | 10      | BZ                            | BZ                            |
| 000020 | 0000         |       |       | 11      | MVI                           | MVI                           |
| 000022 | 0000         |       |       | 12      | TM                            | TM                            |
| 000024 | 0000         |       |       | 13      | RO                            | RO                            |
| 000026 | 0000         |       |       | 14      | L                             | L                             |
| 000028 | 0000         |       |       | 15      | MVC                           | MVC                           |
| 000030 | 0000         |       |       | 16      | OPEN                          | OPEN                          |
| 000032 | 0000         |       |       | 17      | OPEN                          | OPEN                          |
| 000034 | 0000         |       |       | 18      | OPEN                          | OPEN                          |
| 000036 | 0000         |       |       | 19      | OPEN                          | OPEN                          |
| 000038 | 0000         |       |       | 20      | OPEN                          | OPEN                          |
| 000040 | 0000         |       |       | 21      | OPEN                          | OPEN                          |
| 000042 | 0000         |       |       | 22      | OPEN                          | OPEN                          |
| 000044 | 0000         |       |       | 23      | CONTINUE                      | CONTINUE                      |
| 000046 | 0000         |       |       | 24      | CONTINUE                      | CONTINUE                      |
| 000048 | 0000         |       |       | 25      | LA                            | LA                            |
| 000050 | 0000         |       |       | 26      | LA                            | LA                            |
| 000052 | 0000         |       |       | 27      | BALR                          | BALR                          |
| 000054 | 0000         |       |       | 28      | R                             | R                             |
| 000056 | 0000         |       |       | 29      | EOF                           | EOF                           |
| 000058 | 0000         |       |       | 30      | LA                            | LA                            |
| 000060 | 0000         |       |       | 31      | ST                            | ST                            |
| 000062 | 0000         |       |       | 32      | RETURN                        | RETURN                        |
| 000064 | 0000         |       |       | 33      | LM                            | LM                            |
| 000066 | 0000         |       |       | 34      | RR                            | RR                            |
| 000068 | 0000         |       |       | 35      | SAVEAREA DS                   | SAVEAREA DS                   |
| 000070 | 0000         |       |       | 36      | INPUT                         | INPUT                         |
| 000072 | 0000         |       |       | 37      | INPUT                         | INPUT                         |
| 000074 | 0000         |       |       | 38      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000076 | 0000         |       |       | 39      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000078 | 0000         |       |       | 40      | INPUT                         | INPUT                         |
| 000080 | 0000         |       |       | 41      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000082 | 0000         |       |       | 42      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000084 | 0000         |       |       | 43      | INPUT                         | INPUT                         |
| 000086 | 0000         |       |       | 44      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000088 | 0000         |       |       | 45      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000090 | 0000         |       |       | 46      | INPUT                         | INPUT                         |
| 000092 | 0000         |       |       | 47      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000094 | 0000         |       |       | 48      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000096 | 0000         |       |       | 49      | INPUT                         | INPUT                         |
| 000098 | 0000         |       |       | 50      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000100 | 0000         |       |       | 51      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000102 | 0000         |       |       | 52      | INPUT                         | INPUT                         |
| 000104 | 0000         |       |       | 53      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000106 | 0000         |       |       | 54      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000108 | 0000         |       |       | 55      | INPUT                         | INPUT                         |
| 000110 | 0000         |       |       | 56      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000112 | 0000         |       |       | 57      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000114 | 0000         |       |       | 58      | INPUT                         | INPUT                         |
| 000116 | 0000         |       |       | 59      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000118 | 0000         |       |       | 60      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000120 | 0000         |       |       | 61      | INPUT                         | INPUT                         |
| 000122 | 0000         |       |       | 62      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000124 | 0000         |       |       | 63      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000126 | 0000         |       |       | 64      | INPUT                         | INPUT                         |
| 000128 | 0000         |       |       | 65      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000130 | 0000         |       |       | 66      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000132 | 0000         |       |       | 67      | INPUT                         | INPUT                         |
| 000134 | 0000         |       |       | 68      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000136 | 0000         |       |       | 69      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000138 | 0000         |       |       | 70      | INPUT                         | INPUT                         |
| 000140 | 0000         |       |       | 71      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000142 | 0000         |       |       | 72      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000144 | 0000         |       |       | 73      | INPUT                         | INPUT                         |
| 000146 | 0000         |       |       | 74      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000148 | 0000         |       |       | 75      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000150 | 0000         |       |       | 76      | INPUT                         | INPUT                         |
| 000152 | 0000         |       |       | 77      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000154 | 0000         |       |       | 78      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000156 | 0000         |       |       | 79      | INPUT                         | INPUT                         |
| 000158 | 0000         |       |       | 80      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000160 | 0000         |       |       | 81      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000162 | 0000         |       |       | 82      | INPUT                         | INPUT                         |
| 000164 | 0000         |       |       | 83      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000166 | 0000         |       |       | 84      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000168 | 0000         |       |       | 85      | INPUT                         | INPUT                         |
| 000170 | 0000         |       |       | 86      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000172 | 0000         |       |       | 87      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000174 | 0000         |       |       | 88      | INPUT                         | INPUT                         |
| 000176 | 0000         |       |       | 89      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000178 | 0000         |       |       | 90      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000180 | 0000         |       |       | 91      | INPUT                         | INPUT                         |
| 000182 | 0000         |       |       | 92      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000184 | 0000         |       |       | 93      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000186 | 0000         |       |       | 94      | INPUT                         | INPUT                         |
| 000188 | 0000         |       |       | 95      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000190 | 0000         |       |       | 96      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000192 | 0000         |       |       | 97      | INPUT                         | INPUT                         |
| 000194 | 0000         |       |       | 98      | DATA CONTROL BLOCK            | DATA CONTROL BLOCK            |
| 000196 | 0000         |       |       | 99      | OF'0' CRIGIN ON WORD BOUNDARY | OF'0' CRIGIN ON WORD BOUNDARY |
| 000198 | 0000         |       |       | 100     | INPUT                         | INPUT                         |



|        |                  |          |      |     |                                  |
|--------|------------------|----------|------|-----|----------------------------------|
| 000004 | 00               | 000056   | 55+* | DC  | BL1'00000000' BFTEK,BFLN,HIAPCHY |
| 000005 | 00               | 000056   | 57+  | DC  | AL3(ENF) FUDAD                   |
| 000006 | 00               | 000056   | 58+  | DC  | BL1'00010000' RFCEM              |
| 000009 | 00               | 000000   | 59+  | DC  | AL3(0) EXLST                     |
|        |                  |          | 60+  |     |                                  |
|        |                  |          | 62+* |     | FOUNDATION BLOCK                 |
| 000000 | C9D5D7E4E3404040 |          | 64+  | DC  | CL8'INPUT' DDNAME                |
| 000001 | 00               | 00       | 65+  | DC  | BL1'00000010' CFLGS              |
| 000005 | 00               | 00       | 66+  | DC  | BL1'00000000' IFLG               |
| 000006 | 5000             |          | 67+  | DC  | BL2'0101000000000000' MACP       |
|        |                  |          | 69+* |     | PSAM-BBAM-OSAM INTERFACE         |
| 000008 | 00               | 000001   | 71+  | DC  | BL1'00000000' RFR1               |
| 000009 | 00               | 00000001 | 72+  | DC  | AL3(1) CHECK, GERR, DEPR         |
| 000010 | 00               | 00000001 | 73+  | DC  | A(1) SYNAD                       |
| 000011 | 00               | 0000     | 74+  | DC  | H'0' CIND1, CIND2                |
| 000012 | 0000             | 00000000 | 75+  | DC  | AL2(0) BLKSIZE                   |
| 000013 | 0000000000       |          | 76+  | DC  | F'0' WCPO, WCPL, DEFSR, DEFS     |
| 000014 | 0000000001       |          | 77+  | DC  | A(1) JORA                        |
| 000015 | 00               | 00000001 | 78+  | DC  | AL1(0) NCP                       |
| 000016 | 00               | 00000001 | 79+  | DC  | AL3(1) FQRR, FCRAD               |
|        |                  |          | 81+* |     | OSAM INTERFACE                   |
| 000017 | 00               | 00000001 | 83+  | DC  | A(1) DECAD                       |
| 000018 | 0000             | 0000     | 84+  | DC  | H'0' OSVS                        |
| 000019 | 0000             | 0000     | 85+  | DC  | AL2(0) LRECI                     |
| 000020 | 00               | 00000001 | 86+  | DC  | BL1'00000000' EREPT              |
| 000021 | 00               | 00000001 | 87+  | DC  | AL3(1) CATRL                     |
| 000022 | 0000000000       |          | 88+  | DC  | F'0' PRFCL                       |
| 000023 | 0000000001       |          | 89+  | DC  | A(1) FOR                         |
| 000024 | 00               | 00000001 | 90   | DS  | 1F                               |
| 000025 | 80               |          | 91   | DS  | X'80'                            |
| 000026 |                  |          | 92   | DS  | 9-E1                             |
| 000027 |                  |          | 93   | DS  | 2F                               |
| 000028 |                  |          | 94   | END | RFAD2                            |





BLOCK DATA  
DATA DIVISION

1 COPY DATE (10)  
2 REGION (5)  
3 FAMILY SIZE (10)  
4 REFERENCE STATUS (4)  
5 MARITAL STATUS (3)  
6 AGE BRACKET (12)  
7 SEX (2)  
8 MAJIN (5)  
9 WKS IN SCHOOL (15)  
10 WKS EMPLOYED (15)  
11 WKS UNEMPLOYED (15)  
12 WKS NON-LABOR FORCE (15)  
13 EDUCATION (8)  
14 APPLIC ACTIVITY (5)  
15 TYPE (13)  
16 EMPLOYMENT INCOME (17)  
17 TOTAL INCOME (17)  
18 INTEREST (12)  
19 DIVIDENDS (12)  
20 RETIRE (12)  
21 OTHER (12)  
22 DUMMY (1)

0002

A COMMON/LAB/L01(34),102(34),103(34),104(34),105(34),106(34),  
B L07(34),108(34),109(34),110(34),111(34),112(34),113(34),  
C 114(34),115(34),116(34),117(34),118(34),119(34),120(34),  
L21(34),122(34),MAXDIME(22)

30  
30

C

0003

A DATA MAXDIME/10,5,10,4,3,12,2,5,15,15,8,5,13,17,17,12,  
B 12,12,12,1/  
C

0004

END

60



FORMAT OF OUTPUT TABLES

HEADING OF KIND OF OUTPUT (NHEAD)  
CROSS-CLASSIFICATION TITLE (IXJ)(NHEADG)

CATEGORIES OF CLASSIFICATION I (LABEL)

C A T E D F C L A S S

DATA OF KIND K (AABRCC(K))

VARIABLE LIST

QUANTITY(K)  
FACTOR  
INDIM1,INDIM2  
NDATA(I,J)

IND1  
IND2  
INDEX(1R,22)

INDIM1(I)  
INDIM2(I)

INTAP  
TOTY  
KKIND

LABEL(J,I,IND)

MAXDIM(I)  
NDAT1

ND

VECTOR THAT STORES THE KIND DATA CALCULATED FOR EACH RECORD  
PROGRAM REIGHTING FACTOR  
THE TWO CLASSIFICATION NUMBERS WHICH COMBINE TO FORM AN  
OUTPUT CROSS-CLASSIFICATION  
STORES THE RECORD OF A FAMILY OR AN INDIVIDUAL  
I IS INDEX OF INDIVIDUAL AND J INFORMATION ITEM INDEX  
IF INDIVIDUALS ARE CONSIDERED THE 1ST ONLY ROW OF NDATA  
IS USED, OTHERWISE, THERE ARE USED AS MANY ROWS AS THE NUMBER  
OF INDIVIDUALS IN THE FAMILY IS.

INPUT DEVICE 1-CARDS  
INPUT DEVICE 2-TAPE  
THE OUTPUT TABLES MUST BE CROSS CLASSIFIED(REGION VS FAMILY  
SIZE SAY).EACH CLASSIFICATION IS DIVIDED INTO CATEGORIES  
(REGION=ATLANTIC,ONTARIO,ETC.)IN CLASSIFICATION J,  
A FAMILY MEMBER I,

WILL FALL INTO CATEGORY INDEX(I,J).  
THE CLASSIFICATION WHICH WILL BECOME THE ROWS OF THE ITH  
CROSS-CLASSIFICATION.  
THE CLASSIFICATION WHICH WILL BECOME THE COLUMNS OF THE  
ITH CROSS-CLASSIFICATION.  
COUNTER FOR THE CROSS-CLASSIFICATION'S  
OUTPUT DEVICE

THERE WILL BE KKIND KINDS OF TABLES PRINTED(EACH ONE  
CROSS-CLASSIFIED NUMTAP WAYS)EACH KIND REFERS TO A  
DIFFERENT TYPE OF DATA(TAXES,OAS,ETC.)  
IN THE OUTPUT TABLES,THE ROWS AND COLUMNS MUST BE LAPELED.  
ID IS THE PARTICULAR CLASSIFICATION  
I IS THE PARTICULAR CATEGORY  
J CONTAINS THE LABEL OF THE CATEGORY=8 ALPHA NUMERIC  
CHARACTERS

CLASSIFICATION I CAN HAVE A MAXIMUM OF MAXDIM(I) CATEGORIES.  
A COMMON BLOCK CONTAINING THE RECORD OF ONE FAMILY READ  
FROM INPUT TAPE IT IS EQUIVALENT TO THE IKL VECTOR.  
THERE WILL BE MD CLASSIFICATIONS CONSIDERED FOR THE TABLES



```

C (REGIONS,MARITAL STATUS,ETC.),FROM THESE,THE CROSS
C CLASSIFICATIONS WILL BE MADE.
C FOR EACH KIND OF TABLE,AN 80 CHARACTER HEADING WILL BE
C PRINTED
C
C I IS THE KIND OF TABLE(1 TO KKIND)
C J IS THE 20A4 CHARACTER FIELD FOR THE HEADING
C THE TITLE OF CROSS-CLASSIFICATION (J CONTAINS THE 15A4,5A2
C 20 A-CHARACTERS.
C COUNTER FOR NUMBER OF FAMILIES ON INPUT TAPE.
C THE TOTAL NUMBER OF CROSS CLASSIFICATIONS(DETERMINED BY
C COUNTING INPUT SPECIFICATION CARDS)
C THE TABLES REQUIRED
C
C I IS THE CROSS-CLASSIFICATION NUMBER (MAX=40)
C J IS THE INDEX OF THE KIND OF DATA (CPP BENEFITS SAY)
C K,L ARE THE CATEGORY INDICES (K=RCW,L=COLUMN)
C FULL SAMPLE WEIGHTING FACTOR
C
C 1000
C 1010
C
C COMMON BLOCK DATA2 CONTAINS VARIABLES PERTINENT TO PRINTING OF
C OUTPUT TABLES
C COMMON/CDAT12/T(22,8,17,17),INDT1(22),INDT2(22),NHEADG(22,20),
C 1 NHEAD(8,20)
C COMMON/LAR/LAREL(2,17,22),MAXDIM(22)
C
C
C COMMON/ODM/LYUNIT(20),UNIT(20),PROVIN(20),SIZE(20),DEPNCY(20),
C A MSTAT(20),AGE(20),SFX(20),MAJ5IN(20),WKSCHL(20),
C B WKEMP(20),WKUNEM(20),WKRLF(20),EDUCTN(20),YRACT(20),
C C WEIGHT(20),TYPE(20),EMPINC(20),INTPST(20),DIVDENS(20),
C D RETIRE(20),OTHER(20),TOTAL(20)
C
C INTEGER UNIT,PROVIN,SIZE,DEPNCY,AGE,SFX,WKSCHL,MKREND,MKRLF,
C A FRICTN,YRACT,CPTCHT,TYPE,FINDINC,DIVDENS,RETIRE,OTFRP,TOTAL
C INTEGER TOTATX(18),TOTINC(18),TAXINC(18)
C INTEGER FAMALL
C
C DIMENSION KDATA(20,23)
C EQUIVALENCE (NDATA(1,1),LYUNIT(1))
C
C
C DIMENSION IREN(18),IWK(18),IND(18)
C DIMENSION INDEX(18,22),QUALITY(8,18)
C DIMENSION DUMMY(20),KDUMMY(20)
C
C DATA MD/22/
C
C DATA IREN1/4HEINI/,IHTAPL/4HTAPL/
C
C MD IS THE MAX. NUMBER OF CLASSIFICATIONS(DIMENSIONS)
C
C INDEX IS THE MATRIX CONTAINING THE VALUES FOR EACH CLASSIFICATION
C OF EACH FAMILY MEMBER.
C INDEX(I,J).LE.MAXDIM(J)
C
C RECORD COUNTER'S INITIALIZATION.
C
C KDATA=0
C
C 1014

```



C CROSS-CLASSIFICATION COUNTER'S INITIALIZATION

260

INTAB=0

C IF OUTPUT DEVICES SPECIFIED.

270  
280

INJ=1  
IOUT=3

290  
300  
310  
320  
330  
340  
350

100 READ (IN1,100) Kkind  
101 FORMAT (3X,I1)  
IF (Kkind.LE.0) GO TO 443  
C READ DESCRIPTIVE HEADINGS FOR THE Kkind QUANTITIES.  
442 DO 442 K=1,Kkind  
442 READ (IN1,101) (NHEAD(K,I),J=1,20)  
101 FORMAT (20A4)

C 443 CONTINUE

360  
370

1 READ (IN1,102,END=500) IF,IDIM1,IDIM2,(MSTAT(I),I=1,20)

IF (IDIM1.EQ.IDIM2) GO TO 500

IF (IDIM1.EQ.IDIM2) GO TO 1

IF (IDIM1.EQ.IDIM2) OR (IDIM1.LE.0) OR (IDIM2.LE.0) GO TO 1  
IF (IDIM1.GT.IDIM2) GO TO 1

C RECORD CROSS-CLASSIFICATION.

INTAB=INTAB+1

INDIM1 (INTAB)=IDIM1

INDIM2 (INTAB)=IDIM2

DO 2 I=1,20

2 NHEADG (INTAB,I)=MSTAT(I)

IF (INTAB.LT.22) GO TO 1

102 FORMAT (A4,1X,12,1X,12,15A4,5A2)

480  
490  
500

500 CONTINUE

IF (INTAB.GT.0) AND (Kkind.GT.0) GO TO 501

510  
520  
530  
540  
550  
560  
570  
580

106 WRITE (IOUT,106) INTAB,Kkind  
106 FORMAT (1X,'IMPROPER OR INCONSISTENT DATA',215)  
STOP

501 WRITE (IOUT,107)

107 FORMAT (1F1,'STATISTICS OF REQUESTED TABLES',//)

DO 502 I=1,INTAB

502 WRITE (IOUT,108) I,INDIM1(I),INDIM2(I), (NHEADG(I,J),J=1,20)

108 FORMAT (1X,'TABLE',13,' DIM',13,' VERSUS DIM',13,' UNDER LEADING',  
A 1X,15A4,5A2//)





```

0048 WRITE(IOUT,310) KKIND
0049 FORMAT (1X,'THERE ARE CROSS-TABULATED THE FOLLOWING',14,' QUANTIT
0050 AYES,')
0051 WRITE (IOUT,311) (K,(PH$AD(K,1),I=1,20),K=1,KKIND)
0052 FORMAT (1X,13,'') ,20A4//
0053
0054 NUNTAB=INTAB
0055
0056 CLEAR TABLES:
0057
0058 DO 510 I=1,NUNTAB
0059 DO 510 J=1,KKIND
0060 DO 510 K=1,17
0061 DO 510 L=1,17
0062 T(I,J,K,L)=0.
0063 DO 400 I=1,N
0064 K=EXPTM(I)
0065 READ(IN,401) ((LABEL(K,J,I),K=1,2),J=1,NK)
0066 FORMAT (7(2A4,2X))
0067
0068 ROUTINE 'R': INITIALIZE IFLAG TO 1 IF INDIVIDUAL RECORDS ARE TO BE READ
0069 GO TO ANY OTHER VALUE IF FAMILY RECORDS ARE READ.
0070 INITIALIZE JFLAG TO 1 IF INDIVIDUAL RECORDS ARE TO BE READ.
0071 IFLAG MUST BE 1 IF IFLAG EQUALS 1. JFLAG EQUALS 0
0072 IF FAMILY RECORDS ARE OUTPUT (I.E. ALL RESULTS EXCEPT INCOME ARE
0073 ACCORDING TO THE HEAD'S PARAMETERS. ALL INCOMES ARE TOTAL INCOMES
0074 FOR THE WHOLE FAMILY)
0075 IFLAG=0
0076 JFLAG=0
0077
0078 ROUTINE 'D': COMPUTING UNIVERSALLY APPLIED PARAMETERS.
0079
0080 READ A RECORD OF A FAMILY(IFLAG,NE,1) OR INDIVIDUAL(IFLAG=1)
0081
0082 CALL READER(IFLAG,NFLAG,NDATA)
0083 IF(NFLAG.NE.0) GO TO 999
0084
0085 IF IT HITS THE END OF FILE GO TO EXIT ROUTINE 999.
0086
0087 NUNTAB=NUNTAB+1
0088
0089 DETERMINE MATRIX OF CLASSIFICATIONS 'INDEX'.
0090
0091 CALL SETIN(INDEX,JFLAG)
0092
0093 ROUTINE 'Q': COMPUTATION OF THE KKIND QUANTITIES 'QUANTITY(I)'.
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```
IF (NS.GT.18) NS=18
IF ((JFLAG.EQ.0).OR.(IFLAG.EQ.1)) NS=1
DO 20 I=1,IS
  CLANTY(I,1)=50
20 CONTINUE
DO 530 I=1,NS
  DO 530 IT=1,NUMTAR
    ID=INDIM1(IT)
    ID2=INDIM2(IT)
    ID3=INDIM3(IT)
    ID=INDEX(I,ID)
    ID2=INDEX(I,ID2)
    DO 530 K=1,KIND
      T(IT,K,ID1,ID2)=T(IT,K,ID1,ID2) + CLANTY(K,I)
530 CONTINUE
  GO TO 600
C 999 CONTINUE
C 300 REPORT RESULTS:
  DO 300 K=1,KIND
    DO 300 IT=1,NUMTAR
      ID1=INDIM1(IT)
      ID2=INDIM2(IT)
      ID=MAXDIM(ID1)
      ID=MAXDIM(ID2)
      CALL TABLE3(IT,K,ID1,ID2,1,ID,1,JD)
      CLANTY(I)
300 CONTINUE
C 301 WRITE(IOUT,301) KOUNTN
  FORMAT(1H1,'TOTAL NUMBER OF RECORDS PROCESSED ',I8)
  STOP
  END
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1030













```

0040 IF (INDEX(I,5).EQ.4) INDEX(I,5)=2
C
C AGE: INDEX(I,6)
NN=(AGE(I)-5)/5
IF (NN.LT.1) NN=1
IF (NN.GT.12) NN=12
INDEX(I,6)=NN
C
C SEX: INDEX(I,7)
INDEX(I,7)=SEX(I)
C
C MAJOR SOURCE OF INCOME: INDEX(I,8)
INDEX(I,8)=MAJIN(I)
C
C WKS IN SCHOOL: INDEX(I,9)
WKS EMPLOYED: INDEX(I,10)
WKS UNEMPLOYED: INDEX(I,11)
WKS IN NON-LABOUR FORCE: INDEX(I,12)
WKS(1)=WKSCL(I)
WKS(2)=WKEMP(I)
WKS(3)=WKNLE(I)
WKS(4)=WKNLF(I)
DO A3 K=1,4
NN=(WKS(K)+7)/4
IF (WKS(K).EQ.52) NN=15
INDEX(I,K+8)=NN
83 CONTINUE
C
C EDUCATION: INDEX(I,13)
INDEX(I,13)=EDUC(I)
IF (PROVIN(I)-6) 300,301,300
C
C 301 IF (NN=5) 415,420,400
300 IF (NN=4) 415,420,400
C
C 400 DO 405 J=4,8
IF (NN.GT.EDUC(J)) GO TO 405
INDEX(I,13)=J
GO TO 430
C
C 405 CONTINUE
INDEX(I,13)=1
GO TO 430
C
C 415 INDEX(I,13)=2
GO TO 430
C
C 420 INDEX(I,13)=3
430 CONTINUE
C
C APRIL ACTIVITY: INDEX(I,14)
INDEX(I,14)=18
IF (NN.LE.1) NN=1
INDEX(I,14)=NN
C
C EMPLOYMENT CAT: INDEX(I,15)
NN=TYPE(I)
DO 200 J=1,13
IF (NN-TYPE(J)) 200,205,200
200 CONTINUE
205 INDEX(I,15)=J

```



```

C INCOME FROM PAGES: INDEX(I,16)
C TOTAL INCOME: INDEX(I,17)
IF (JFLAG=0) 11,12,11
12 INCOME(1)=0
INCOME(2)=0
N=SIZE(1)
DO 20 K=1,N
INCOME(1)=INCOME(1)+FNDINC(K)
25 INCOME(2)=INCOME(2)+TOTAL(K)
GO TO 18
11 INCOME(1)=EMPINC(I)
INCOME(2)=TOTAL(I)
18 DO 35 IN=1,2
NN=INCOME(IN)
DO 33 J=1,16
IF (N.GT.KLASS(J)) GO TO 33
INDEX(I,15+IN)=J
GO TO 34
33 CONTINUE
INDEX(I,15+IN)=17
34 CONTINUE
35 CONTINUE

C INTEREST: INDEX(I,18)
C DIVIDENDS: INDEX(I,19)
C RETIREMENT: INDEX(I,20)
C OTHER: INDEX(I,21)
C
IF (JFLAG=0) 13,14,13
14 DO 50 J=1,4
INCCA(J)=0
50 CONTINUE
N=SIZE(1)
DO 55 K=1,N
INCCA(1)=INCCA(1)+INTERST(K)
INCCA(2)=INCCA(2)+DIVNS(K)
INCCA(3)=INCCA(3)+RETIRE(K)
55 INCCA(4)=INCCA(4)+OTHER(K)
GO TO 19
13 INCCA(1)=INTERST(I)
INCCA(2)=DIVNS(I)
INCCA(3)=RETIRE(I)
INCCA(4)=OTHER(I)

C 19 DO 60 IN=1,4
NN=INCCA(IN)
DO 65 J=1,11
IF (N.GT.KLASSA(J)) GO TO 65
INDEX(I,17+IN)=J
GO TO 70
65 CONTINUE
INDEX(I,17+IN)=12
70 CONTINUE
60 CONTINUE

C DUPLY: INDEX(I,22)

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一一

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| 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 |





C ZERO ROW,COLUMN,AND TOTAL SUMS

5430  
2020  
2030  
2040  
2050  
2060  
5490

DO 5 I=NR1,NR2  
5 PERROW(I)=0  
DO 6 J=NC1,NC2  
6 PERCOL(J)=0  
TSUM=0

C COMPUTE ROW,COLUMN,AND TOTAL SUMS

2070  
2080  
2090  
2100  
2110  
2120  
5560

DO 10 I=NR1,NR2  
DO 10 J=NC1,NC2  
TSUM=TSUM + T(NT,KIND,I,J)  
PERROW(I)=PERROW(I) + T(NT,KIND,I,J)  
PERCOL(J)=PERCOL(J) + T(NT,KIND,I,J)  
10 CONTINUE

C A MAXIMUM OF TEN COLUMNS PER PAGE WILL BE PRINTED  
C THE WHOLE TABLE, THEREFORE, WILL BE IN L PARTS

5580  
2130  
2140  
5620  
5630  
2150

L=(NC2-NC1+1)/10  
IF ((10\*L).NE.(NC2-NC1+1)) L=L+1

C ENTER MAIN LOOP, PRINTING OF A PART(10 COLUMNS MAXIMUM)

5630  
2150

DO 100 IT=1,L  
SKIP TO NEW PAGE

2160  
2170

WRITE(ICUT,888)  
888 FORMAT (1H1)

C DETERMINE FIRST AND LAST COLUMNS TO BE PRINTED IN THIS PART

2180  
2190  
2200

J1=NC1 + (IT-1)\*10  
J2=J1+9  
IF (J2.GT.NC2) J2=NC2

C DETERMINE TOTAL NUMBER OF COLUMNS TO BE PRINTED IN THIS PART

2210  
5720

J2=J1+J2-J1+1

C PRINT NEW KIND OF DATA HEADING,CROSS-CLASSIFICATION TITLE,AND ROW OF ASTERISKS

2220  
2230  
2240  
2250  
2260  
5730

IF (IT.EQ.1) GO TO 18  
WRITE(ICUT,500)  
18 WRITE(ICUT,501) (NHEAD(KIND,I), I=1,20),KIND,  
A (NHEADG(NT,J), J=1,20),NT

WRITE(ICUT,502) (JASTER, I=1,31)

C PRINT NEW CATEGORY LABELS(COLUMNS)

2270  
2280  
2290  
2300

IF (J2.EQ.NC2) GO TO 20  
WRITE(ICUT,503) ((LABEL(I,J,ID2), I=1,2), J=J1,J2)  
GO TO 21  
20 WRITE(ICUT,503) ((LABEL(I,J,ID2), I=1,2), J=J1,J2),IPSUM1,IPSUM2



1000

10

```

C PRINT ROW OF ASTERISKS
C
C 21 WRITE (ICUT,502) (IASTER, I=1,31)
C
C ENTER SECOND LOOP, PRINTS EVERY ROW FOR THIS PART
C
C DO 40 I=NR1,NR2
C
C PRINT ROW LABEL AND ELEMENTS OF ROW, INCLUDING ROWSUM IF LAST PART
C
C IF (J2.EQ.NC2) GO TO 22
C WRITE (ICUT,504) (LABEL(K,I,ID1), K=1,2), (T(NT,KIND,I,J), J=J1,J2)
C GO TO 25
C 22 WRITE (ICUT,504) (LABEL(K,I,ID1), K=1,2), (T(NT,KIND,I,J), J=J1,J2)
C * , PERCENT(J)
C
C CALCULATE ELEMENT PERCENTAGES FOR ROW JUST PRINTED, AND WRITE THESE
C BEFORE RESPECTIVE ELEMENTS
C
C 25 DO 26 J=J1,J2
C JJ=J-J1+1
C DUMMY(JJJ)= T(NT,KIND,I,J)*100./TSUM
C IF (J2.EQ.NC2) GO TO 30
C WRITE (ICUT,506) (DUMMY(J), J=1,J2MJ1)
C GO TO 40
C 30 XX=TSUM/DUMMY(I)*100./TSUM
C WRITE (ICUT,506) (DUMMY(J), J=1,J2MJ1), XX
C 40 CONTINUE
C
C ALL ROWS FOR THIS PART HAVE NOW BEEN PRINTED
C PRINT ROW OF ASTERISKS
C
C WRITE (ICUT,502) (IASTER, I=1,31)
C
C CALCULATE PERCENTAGES COLUMN SUMS ARE OF TOTAL SUM
C
C DO 45 J=J1,J2
C JJ=J-J1+1
C DUMMY(JJJ)=PERCOL(J)*100./TSUM
C IF (J2.EQ.NC2) GO TO 65
C WRITE (ICUT,508) (PERCOL(J), J=J1,J2)
C WRITE (ICUT,506) (DUMMY(J), J=1,J2MJ1)
C GO TO 100
C 45 XX=100.
C
C PRINT COLUMN SUM FOR EACH COLUMN, THEN WRITE PERCENTAGES UNDERneath
C
C WRITE (ICUT,508) (PERCOL(J), J=J1,J2), TSUM
C WRITE (ICUT,506) (DUMMY(J), J=1,J2MJ1), XX
C
C 100 CONTINUE
C
C PETER
C 500 FORMAT (1X, '(CONTINUED)')
C 501 FORMAT (1X, 20A4, 1X, '# QUANTITY #', 13/1X, 15A4, 5A2, 13X,
C 502 FORMAT (1X, 31A4)
C 503 FORMAT (9X, 10*, 11(2X, 2A4))

```



504 FORMAT (1L0,2A4,1H#,11F10.0)  
506 FORMAT (10X,11(2H ,F6.2,2H% ))  
508 FORMAT (1X,8HCOL.SUMS,1H#,11F10.0)  
END

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0070  
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APPENDIX F.2

THE 1972 INCOME TAX ALGORITHM













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1. The first part of the paper is devoted to the study of the properties of the function  $f(x)$  defined by the equation

WILLIAM T. APPLIN

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MILITARY

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Field Notes: T. S. Allen

[illegible][illegible][illegible]
$$\begin{aligned} & + 0.01 \left( \frac{1}{2} + \frac{1}{2} \right) - 1.0 \times 10^{-3} \\ & + 0.01 \left( \frac{1}{2} + \frac{1}{2} \right) - 1.0 \times 10^{-3} = 0 \end{aligned}$$

THE UNIVERSITY OF CHICAGO

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

CHILD PROTECTION AND THE CHILDREN IN OUR WORK

1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum.

2. *Chlorophyll b* (Chl b) is an accessory pigment found in green plants and algae. It absorbs light energy in the blue and red regions of the visible spectrum, similar to Chl a, but has a slightly different absorption spectrum.

3. *Carotenoids* are a group of pigments that include carotenes and xanthophylls. They are responsible for the yellow, orange, and red colors seen in autumn foliage. Carotenoids absorb light energy in the blue and green regions of the visible spectrum.

4. *Xanthophylls* are a subset of carotenoids that are responsible for the yellow color seen in autumn foliage. They absorb light energy in the blue and green regions of the visible spectrum.

5. *Anthocyanins* are water-soluble pigments that are responsible for the red, purple, and blue colors seen in autumn foliage. They are not true pigments but rather are glycosides of anthocyanidins.

6. *Flavonols* are a group of pigments that include flavones and flavonols. They are responsible for the yellow and orange colors seen in autumn foliage. Flavonols absorb light energy in the blue and green regions of the visible spectrum.

7. *Anthoxanthins* are a group of pigments that include anthoxanthins and flavonols. They are responsible for the yellow and orange colors seen in autumn foliage. Anthoxanthins absorb light energy in the blue and green regions of the visible spectrum.

8. *Anthocyanins* are water-soluble pigments that are responsible for the red, purple, and blue colors seen in autumn foliage. They are not true pigments but rather are glycosides of anthocyanidins.

9. *Flavonols* are a group of pigments that include flavones and flavonols. They are responsible for the yellow and orange colors seen in autumn foliage. Flavonols absorb light energy in the blue and green regions of the visible spectrum.

10. *Anthoxanthins* are a group of pigments that include anthoxanthins and flavonols. They are responsible for the yellow and orange colors seen in autumn foliage. Anthoxanthins absorb light energy in the blue and green regions of the visible spectrum.

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

(6)  $OX = 100 - 100 \times \frac{1}{1 + 0.15 \times 100} = 20.77$

三才圖會

COMPUTED TAXABLE EX AMPLUG AND TAXABLE NUMBER

[illegible]
$$1.29 - (1.49) - \text{Ans } 6$$

$$1.60 - (1.70) \text{ Ans } = 0$$

2011













APPENDIX F.3

THE 1973 INCOME TAX ALGORITHM



C FEDERAL TAX SUBROUTINE

C THIS SUBROUTINE APPLIES ONLY TO YEARS EQUAL TO OR AFTER 1973  
C IT INCORPORATES CHANGES INTRODUCED IN FEB 1973 BUDGET

C INDT

C BASE YEAR STATE VECTOR IN COMMON BLOCK  
C CPP(I) IS THE CPP CONTRIBUTION OF FAMILY MEMBER I  
C UIC(I) IS THE UIC CONTRIBUTION OF FAMILY MEMBER I  
C KAYS THE YEAR BEING SIMULATED(1973,...)  
C RIN(NNN)  
C INFLATION FACTOR FOR YEAR 1972+NNN  
C =CPI(1971+NNN)/CPI(1972),NNN2...10  
C =1.0,NNN=1

C OUTPUT VARIABLE

C G(I,J) IS THE OUTPUT RECORD FOR INDIVIDUAL I  
C J=1 INCOME (TAXATION DEFINITION)  
C J=2 TAX STATUS

- C 1 FAMILY HEAD UNMARRIED
- C 2 DEPENDENT HEAD, WIFE OR CHILD
- C 3 MARRIED HEAD, WIFE DEDUCTIBLE
- C 4 MARRIED WOMAN, HUSBAND DEDUCTIBLE
- C 5 MARRIED PERSON, COUPLE FILES SEPERATE RETURNS.
- C 6 PERSON HAS LARGEST INCOME
- C 7 MARRIED PERSON, COUPLE FILES SEPERATE RETURNS.
- C SPOUSE HAS LARGEST INCOME
- C 7 INDEPENDENT CHILD
- C J=3 TAXABLE INCOME
- C J=4 FEDERAL TAX PAYABLE
- C J=5 PROVINCIAL TAX PAYABLE
- C J=6 QUEBEC TAXABLE INCOME

C INTERMEDIATE VARIABLES

- C BRACKT(I)  
C CLTA INCOME AT BEGINNING OF TAX BRACKET I.  
C INCOME AT WHICH 300 CHILD DEDUCTION STARTS TO  
C BE REDUCED
- C CLTADL INCOME BELOW WHICH IT IS IMPOSSIBLE FOR AN ADULT  
C TO PAY TAX
- C CUTP INCOME AT WHICH 550 CHILD DEDUCTION STARTS  
C TO BE REDUCED
- C CLTD INCOME AT WHICH SPOUSE DEDUCTION STARTS TO BE  
C REDUCED.
- C CLTE MAXIMUM SPOUSE DEDUCTION
- C DEDAGE OLD AGE DEDUCTION
- C DEDFSC BASIC TAX DEDUCTION
- C DEDCHR BASIC CHARITY DEDUCTION
- C DEDPG DEDUCTION FOR CHILD OLDER THAN 15.
- C DEDPC DEDUCTION FOR DEPENDENT HUSBAND
- C DEDVEC MARRIAGE EQUIVALENT DEDUCTION FOR SINGLE PERSON  
C WITH DEPENDENTS
- C DEDWF DEDUCTION FOR DEPENDENT WIFE
- C DED15 DEDUCTION FOR CHILD YOUNGER THAN OR EQUAL TO 15.
- C EXM EXEMPTIONS
- C EXMPG EXEMPTION FOR QUEBEC TAXES
- C GAING THE ADVANTAGE OBTAINED BY CLAIMING A CHILD













C C FIND MARGINAL TAX RATE FOR FIRST TAX BRACKET IN THIS YEAR

LA=EKRYR-1971  
IF (NA.LE.0)NA=1  
IF (NA.GT.5)NA=5  
TAXNRG(1)=ETRAK1(NA)

C C SET FAMILY SIZE  
C NS=SIZE(1)

C C \*\*\*\*\*  
C C ENTER DEFINITION OF INCOME BLOCK  
C C \*\*\*\*\*

C C DC 200 I=1,NS  
C G(I,1)=TOTAL(I)  
C C DEDUCT EMPLOYMENT EXPENSES AND ADD 1/3 OF DIVIDENDS  
C NVAR=.03\*EMPINC(I)  
C G(I,1)=G(I,1)-MINO(NVAR,150)+DIVDVS(I)/3

C C SURTRACT TUITION IF APPLICABLE  
C IF ((YRACT(I).GE.6).AND.(YRACT(I).LE.18))G(I,1)=G(I,1)-500

C C DEDUCT CPP AND UIC CONTRIBUTIONS  
C G(I,1)=G(I,1)-(CPP(I)-UIC(I))

C C IF (G(I,1).LT.0)G(I,1)=0  
C C CLOSE DEFINITION OF INCOME BLOCK  
C C 200 CONTINUE

C C \*\*\*\*\*  
C C ENTER TAX STATUS BLOCK  
C C \*\*\*\*\*

C C NVR7=0  
C C NVR15=0  
C C NVR18=0  
C C NVR6=0  
C C DC 201 I=1,NS  
C C LA=DEPNACV(I)+1



C CHECK DEPENDENCY STATUS

GO TO (1,201,3),1A

C PERSON IS HEAD

1 IF(MSTAT(I),EQ,2)GO TO 4

G(I,2)=1

GO TO 201

C PERSON IS MARRIED

4 IF(C(I+1,1).GT.CUTADL)GO TO 5

C WIFE IS A DEPENDENT

G(I,2)=3

G(I+1,2)=2

GO TO 201

5 IF(G(I,1).GT.CUTADL)GO TO 6

C HUSBAND IS A DEPENDENT

G(I,2)=2

G(I+1,2)=4

GO TO 201

C SEPRATE RETURNS FOR HUSBAND AND WIFE.DETERMINE WHO HAS LARGEST INCOME

6 IF(G(I,1).GE.G(I+1,1))GO TO 7

G(I,2)=6

G(I+1,2)=5

GO TO 201

C HEAD HAS LARGEST INCOME

7 G(I,2)=5

G(I+1,2)=6

GO TO 201

C PERSON IS A CHILD.CHECK SIZE OF INCOME AND AGE.

3 IF(G(I,1).GT.CUTADL)GO TO 8

IF(AGE(I)-15)9,9,10

C YOUNGER THAN OR EQUAL TO 15 AND DEPENDENT

9 G(I,2)=2

NPR15=NMP+15+1

Y15(NMP15)=G(I,1)

GO TO 201

C PERSON CLDER THAN 15 AND DEPENDENT

10 G(I,2)=2

NMAG=NMPG+1

YG(NMPG)=G(I,1)



C C CHECK ON CHILDREN 18 OR OVER

```
IF (AGE(I), LF, 17) GO TO 201
NMB18=NMB18+1
Y18(NMB18)=G(I,1)
GC TC 201
```

$$1 + 81 \text{ BAY} = 81 \text{ BAY}$$
$$Y_{18}(N_{\mathcal{H}18}) = G(I, 1)$$

GC TC 201

CHILD IS INDEPENDENT FOR TAX PURPOSES

$$8 \quad G(1, 2) = 7$$
$$NM \cdot 7 = NM \cdot 7 + 1$$

C CLOSE TAX STATUS BLOCK

201 CONTINUED

CENTER DEDUCTIONS BLOCK

十  
 九  
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 七  
 六  
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DOI 2021=1.1NS

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 〇

CCCCC

DEADAGE=C

DE DNEC=0

DEC 15 1905

DECEMBER

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 || || ||  
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 E E E  
 D D D

000000

C CHECK IF DEPENDENT

$$\text{IF}(G(1,2), \text{EQ}, 2) \text{GO TO } 11$$
 $2ADULT = 1600, *ECT$ 

DEFASC=ZADULT

0  
=  
T  
C  
E

C IF INDEPENDENT CHILD THEN NO MORE DEDUCTIONS

IF(C(1,2),FQ,7)GN TO 99

AGE DEDUCTIBLE

AGE-1000-ECT

$$AGG = IUGU + GF \cdot 65 \quad FAGE = AGG$$

IF THIS IS A SEPARATE RETIRED AND SPOUSE HAS LARGER INCOME THEN

THIS IS A SERVICE  
NO MODE REDUCTIONS

TELE (1-21-EO-616) TO 99

# CHILDREN 15 AND UNDER





C  
C105 IF(NMR15)12,12,13  
C106 J2 MINY15=0  
C107 GC TC 140  
C108 13 MINY15=Y15(1)  
C109 DC 203 JE1,NMR15  
C110 MINY15=MNO(MINY15,Y15(J))  
C111 IF(Y15(J)-CUTADL)14,203,203  
C112 14 IF(Y15(J)-CUTA)15,16,16  
C113 16 DEF15=DEF15+ZB-.5\*(Y15(J)-CUTA)  
C114 GC TC 203

C  
C MAXIMUM DEDUCTION OBTAINS  
C  
C115 15 DEF15=DEF15+ZB  
C116 203 CONTINUE  
C  
C CALCULATE DEDUCTION FOR PEOPLE OLDER THAN 15  
C

C  
C117 140 IF(NMRG)17,17,18  
C118 17 MNG=0  
C119 GC TC 141  
C120 18 MNG=YG(1)  
C121 DC 204 JE1,NMRG  
C122 MNG=MNO(MNG,YG(J))  
C123 IF(YG(J)-CUTADL)19,204,204  
C124 19 IF(YG(J)-CUTB)20,21,21  
C125 21 DEF15=DEF15+CUTADL-YG(J)  
C126 GC TC 204

C  
C MAXIMUM DEDUCTION OBTAINS  
C  
C127 20 DEF15=DEF15+ZC  
C128 204 CONTINUE  
C

C  
C129 141 NT=C(1,2)  
C130 GC TC (22,22,23,24,99),NT  
C  
C PERSON IS SINGLE.CALCULATE MARRIAGE EQUIVALENT DEDUCTION IF HE  
C HAS CHILDREN  
C

C  
C131 22 IF(NMR15)25,25,26  
C132 25 GAIN15=0  
C133 MEO15=0  
C134 TEMP15=0  
C135 GC TC 33  
C136 26 IF(MINY15-CUTADL)27,25,25  
C137 27 IF(MINY15-CUTA)28,29,29  
C138 28 TEMP15=78  
C139 IF(MINY15-CUTD)30,31,31  
C140 30 MEO15=ZD  
C141 32 GAIN15=MFG15-TEMP15  
C142 GC TC 33  
C143 TEMP15=ZB-.5\*(MINY15-CUTA)  
C144 31 MEO15=CUTADL-MINY15  
C145 GC TC 32  
C146 33 IF(NMRG)34,34,35  
C147 34 GAIN15=0



```

0148      MEOG=0
0149      TEMPG=0
0150      GC TO 42
0151      35 IF(MING-CUTADL)36,34,34
0152      36 IF(MING-CUTR)37,38,38
0153      37 TEMPG=ZC
0154      38 IF(MING-CUTD)39,40,40
0155      39 MEOG=ZD
0156      41 GAINC=MFOG-TEMPG
0157      GC TO 42
0158      38 TEMPG=CUTADL-MING
0159      40 MEOG=CUTADL-MING
0160      GC TO 41

0161      C DETERMINE WHICH CHILD GIVES LARGEST ADVANTAGE
0162      C
0163      C 42 IF(GAIN15-GAINC)43,44,44
0164      C
0165      C ADJUST CHILD DEDUCTION AND SET MARR. EQUIVALENT INSTEAD
0166      C
0167      C 43 DEDG=DEDCG-TEMPG
0168      DEDMEG=MEOG
0169      GC TO 99
0170      C 44 DED15=DED15-TEMP15
0171      DEDMEG=MEOG15
0172      GC TO 99
0173      C DEDUCTION FOR WIFE
0174      C
0175      C 23 DEDWF=MIN0(CUTF,CUTADL-G(I+1,1))
0176      GC TO 99
0177      C DEDUCT PLUSBAND
0178      C
0179      C 24 DEDPD=MIN0(CUTE,CUTADL-G(I-1,1))
0180      99 CONTINUE
0181      C
0182      C CALCULATE TOTAL EXEMPTIONS
0183      C
0184      C
0185      C EXM=DEDRSC+DEDCRHR+DEDAGF+DEDMFQ+DED15+DEDCG+DEDWF+DEDDHD
0186      GC TO 400
0187      C PERSON WILL HAVE ZERO TAXABLE INCOME.
0188      C
0189      C 11 G(I,3)=0
0190      G(I,6)=0
0191      GC TO 202
0192      C
0193      C *****
0194      C COMPUTE TAXABLE INCOME
0195      C *****
0196      C
    
```



```

0177 C 400 G(I,3)=G(I,1)-FXM
0178 C IF(G(I,3).LT.0)G(I,3)=0
C CHECK IF PERSON FROM QUEREC
C
0179 C IF(PROVIN(I).NE.5)GO TO 202
C COMPUTE TAXABLE INCOME FOR QUEREC PROVINCIAL TAX CALCULATION
C
0180 C DEDG=0
0181 C IF(AMB18)301,301,302
C CHILD DEDUCTIONS ONLY FOR CHILDREN 18 OR OVER
C
0182 C 302 DO 303 J=1,NMWR18
0183 C IF(Y18(J)-CUTADL)304,303,303
0184 C 304 IF(Y18(J)-CUTR)305,306,306
0185 C 306 DEDG=DEDG+CUTADL-Y18(J)
0186 C GO TO 303
0187 C 305 DEDG=DEDG+ZC
0188 C 303 CONTINUE
C COMPUTE TOTAL QUEREC EXEMPTION AND TAXABLE INCOME
C
0189 C 301 EXMPG=DEDRSC+DEDRCHP+DEFDAGE+DEDDG+DEDFWF+DEDDHD
0190 C G(I,6)=G(I,1)-EXMPG
0191 C IF(G(I,6).LT.0)G(I,6)=0
C CLOSE DEDUCTIONS LOOP
C
0192 C 202 CONTINUE
C
C*****
C ENTER TAX CALCULATION BLOCK
C*****
C INCREASE TAX BRACKETS BY INFLATION FACTOR
C
0193 C DO 77 I=1,14
0194 C HARRY=BRACKET(I)*FCT
0195 C BRACKET(I)=HARRY
0196 C 77 CONTINUE
C INFLATE TAX PAYABLE AT BEGINNING OF BRACKET
C
0197 C DO 78 I=1,13
0198 C TOM=TAXBGN(I,NA)*FCT
0199 C TAXFBN(I,NA)=TOM
0200 C 78 CONTINUE
C
0201 C DO 205 I=1,NS
C INITIALIZE FED TAX AND PROV TAX TO ZERO

```



```

C
0202 DO 206 J=4,5
0203 G(I,J)=C
0204 206 CONTINUE
C
0205 IF(G(I,3).EQ.0)GO TO 205
C CALCULATE FEDERAL TAX
C
0206 DO 207 JX=1,13
0207 J=JX
0208 IF(G(I,3).LT.BRACKT(J+1))GO TO 208
0209 207 CONTINUE
0210 208 NP=J
0211 G(I,4)=TAXBGN(NR,NA)+TAXMRG(NR)*(G(I,3)-BRACKT(NR))
C
C SUBTRACT DIVIDEND TAX CREDIT
C
0212 G(I,4)=G(I,4)-.2667*DIVDND(S(I))
0213 IF(G(I,4).LT.0)G(I,4)=0
0214 TEMP=G(I,4)
C
C INTRODUCE 24% ABATEMENT FOR QUEBEC
C
0215 IF(PQOVIN(I).EQ.5)G(I,4)=G(I,4)-.24*G(I,4)
C
C CALCULATE PROVINCIAL TAX
C
0216 PRQV=PROVIN(I)
0217 IF(PROV.EQ.5)GO TO 350
0218 PRATE=PROCVPT(PROV)
0219 G(I,5)=PRATE*G(I,4)
C
C 3% REDUCTION IN ONTARIO IN 1972
C
0220 IF((KKYP.EQ.1972).AND.(PROVIN(I).EQ.6))G(I,5)=G(I,5)-.03*G(I,5)
0221 GO TO 277
0222 350 DO 351 JX=1,11
0223 J=JX
0224 IF(G(I,6).LT.PQBRK(J+1))GO TO 352
0225 351 CONTINUE
0226 352 NR=J
0227 G(I,5)=PQBRG(NR)+PQMRG(NR)*(G(I,6)-PQBRK(NR))
C
C CHECK FOR PG CUTOFF INCOME
C
0228 IF((G(I,1).LE.2000).AND.(MSTAT(I).EQ.1))G(I,5)=0
0229 IF((G(I,1).LE.4000).AND.(MSTAT(I).EQ.2))G(I,5)=0
C
C CALCULATE 5% TAX REDUCTION
C
0230 C TEMP IS FEDERAL BASIC TAX PREVIOUSLY CALCULATED
0231 277 REDDY=.05*TEMP
0232 IF(REDDY.GT.500.)REDDY=500.
0233 IF(REDDY.LT.100.)REDDY=100.
G(I,4)=G(I,4)-REDDY
C

```





C CLOSE TAX CALCULATION LOOP

C

C 205 CONTINUE

C

RFTURN  
END

0234

0235  
0236









